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Lancaster Farming

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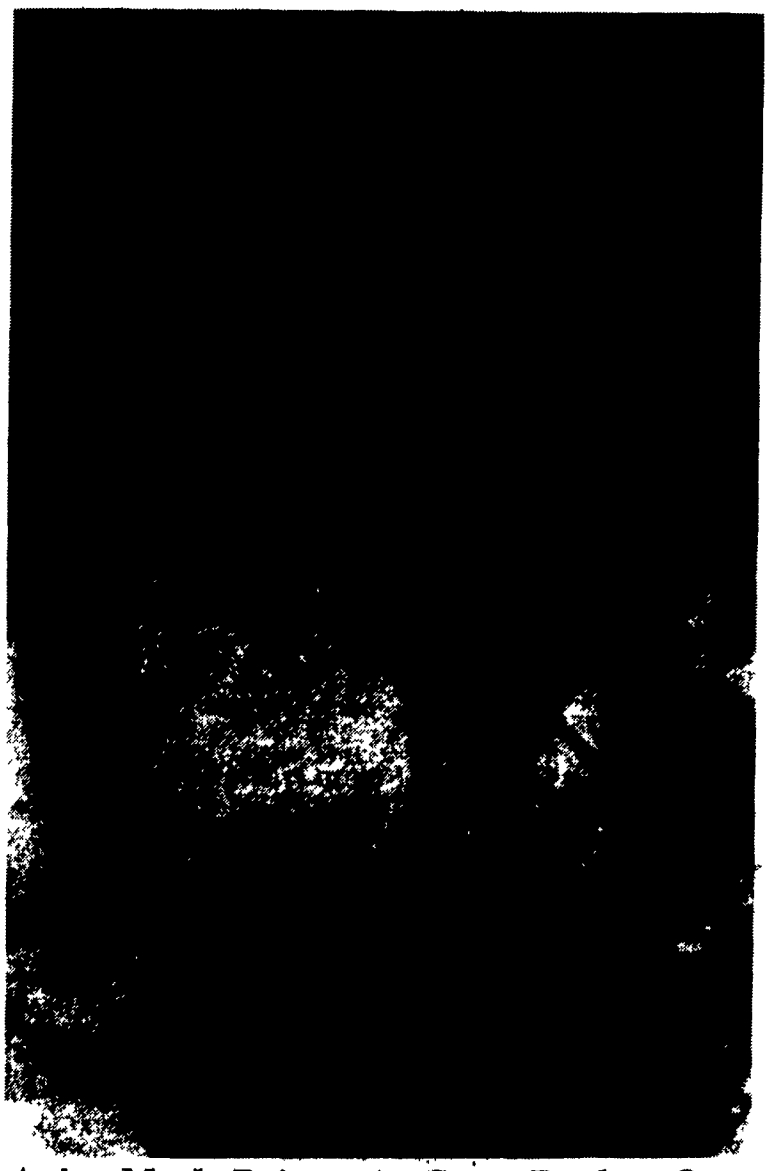


Anita Meck Reigns As State Poultry Queen

Anita Meck (left) won the 1989-90 Lancaster County Poultry Queen title at the August 4 pageant. She also will reign as the PA Poultry Queen. Shown with her are Valerie Hoy (center), former PA Poultry Queen, and Alissa Hoober, former Lancaster County Poultry Queen. To read more about the pageant, turn to page B14.

State Loses Clean Health Status

Tuberculosis Found In Dauphin Dairy

BY JOAN L. LIESAU
Special Report

HALIFAX (Dauphin Co.) — Seven dairy cattle tentatively have been diagnosed as having tuberculosis according to Doctor Ronald Yoxheimer, chief of Cattle Health, Pennsylvania Department of Agriculture. Pennsylvania has been tuberculosis free since 1978.

A routine Annual Herd Test, done on July 21, showed positive results three days later at the Halifax, Dauphin County, farm of Rodger and Kathy Campbell's "Keystone Guernsey's". Local veterinarian Dr. Howard Todd of Elizabethville found seven of the 118 cows and heifers to be reactors to the tuberculosis (TB) test. Of the seven, four were positive, one suspect and two in the negative area in the second test. The Pennsylvania Department of Agriculture Diagnostic Laboratory in Summerdale was immediately notified.

"We had no idea," Campbell said. "We have had a closed purebred herd for three years. We had no indication that there was anything wrong. The cows were milking very well, and they looked as healthy as they can be. They were breeding well and eating well. Even with the ones we took to the lab, you would have sworn there was nothing wrong," Campbell explained.

"As a matter of fact, it was hard to believe," the dairyman said quietly, "They had to convince me by showing me tissue samples and pictures."

Tuberculosis, or, TB is a communicable disease of both animals and man. It is caused by a microorganism, *Mycobacterium tuberculosis*. The rod-shaped bacterium manifests itself in lesions of the lung, bone, and other parts of the body.

Although transmitted by contact or ingestion, the pasteurization of raw milk kills any TB bacterium, insuring milk's safety.

The State Health Department was also immediately notified due to the family members consuming raw, unpasteurized milk, and per-

(Turn to Page A20)

Farmers enjoy demonstrations that pit competing machines together in one field at Ag Progress Days. This large ag event is scheduled next week, Aug. 15-17 at PSU's Rock Springs Research Center. Information about the 1989 program and where to find the commercial exhibits will be found in stories and advertising throughout this issue. A specific schedule of events, a list of exhibitors and a map to locate these exhibitors can be found on Pages F17, F18, F19 and F24.

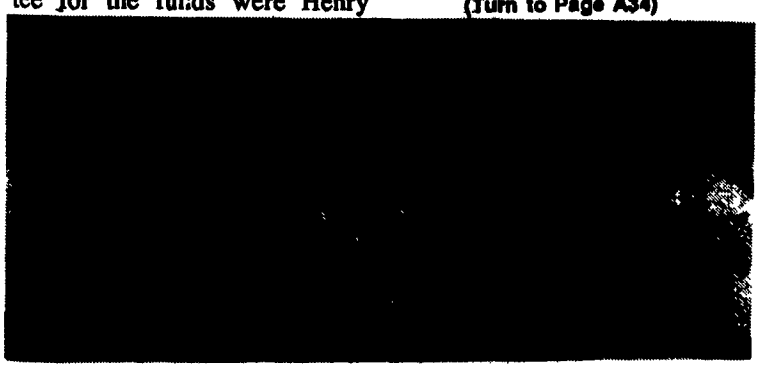
State Livestock Assn. Pledges $50,000 To PSU Judging Teams

EMLENTON (Clarion Co.) — The PA Livestock Association made a commitment of $5,000 per year for the next ten years to the Pennsylvania State University's judging Team Endowment Fund. This fund was created for the purpose of providing financial assistance to members of the Penn State Livestock, Meats, and Horse Judging Teams.

Spearheading the PLA committee for the funds were Henry Gruber, New Tripoli, and Peter Krall, Catasauqua, both Pennsylvania State University Agriculture graduates. They both believe that by assisting in the funding of the Judging Teams, they are helping to educate a younger generation who are the future stockmen of the industry.

Judging team activities are an important part of the undergraduate program at the University.

(Turn to Page A34)



(L to R) Henry Gruber, New Tripoli, Dr. Harold Harpster, PSU faculty, Peter Krall, Catasauqua, and Dennis Grumbine, Lebanon. All four men were instrumental in securing the pledge of $50,000 to the PSU Judging Team Endowment Fund.

Ag Progress Days To Open Next Week At Rock Springs

ROCK SPRINGS (Centre Co.)—A wide range of agriculture-related programs — from farm safety to conservation to Pennsylvania crafts — will be part of the 21st annual Ag Progress Days sponsored by Penn State's College of Agriculture, August 15-17.

Held at the University's 1500 acre Rock Springs Agricultural Research Center near State College, the three-day event attracts tens of thousands of people from farms, small towns and large cities.

Ag Progress Days is one of the largest outdoor showcases of agricultural research and technology in the East. Nearly 300 commercial exhibitors will show and demonstrate approximately $20 million worth of agricultural equipment. The event also features tours of research farms and conservation education areas; exhibits and presentations by Penn State faculty on areas such as water quality, food safety, radon, dairy health and child care; exhibits and demonstrations of Pennsylvania's heritage crafts; a game show with prizes; a working computer classroom; a museum full of antique home and farm implements; and more.

This year, College of Agriculture faculty and staff have put a special emphasis on exhibits and demonstrations that are exciting and fun to watch, as well as educational.

Farm and home safety will be a major focus of attention. One exhibit shows how quickly agriuclural machines can cause serious injury. It allows visitors to test their reaction time against the force of a corn picker. Another exhibit will use a scale-model tractor to show how different grades, obstacles and loads affect the likelihood that a tractor will roll over.

The new Agricultural Emergencies Tent will feature demonstrations that combine Penn State Cooperative Extension's First-on-the-Scene and Agricultural Accident and rescue programs. The first part of the demonstration will explain what farm family members and neighbors can do when they find the victim of a farm accident. For the second part, trained rescuers will simulate a rescue at a farm accident scene.

The fire safety exhibit includes a large trailer with a side enclosed by plexiglass. Inside, a simulated living room is set on fire. A sprinkler system will automatically extinguish the fire, demonstrat-

(Turn to Page A36)

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Monday, August 7, 1989
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	771	135	485	661	294
Last Monday's Auction	776	142	278	760	380
Last Year's Auction	1129	150	190	631	518

CATTLE: SLAUGHTER STEERS FIRM TO MOSTLY .50 HIGHER, INSTANCES 1.00 HIGHER; SLAUGHTER HEIFERS 2.00-3.00 HIGHER; COWS FIRM TO MOSTLY 1.00 HIGHER; BULLOCKS NOT TESTED; BULLS FULLY STEADY. SUPPLY INCLUDED 58% SLAUGHTER STEERS, 11% SLAUGHTER HEIFERS, 17% COWS, WITH THE BALANCE BULLS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1200-1375 LB. 72.75-75.75, ONE LOT MOSTLY 4 1185 LB. 71.25; CHOICE 2 1050-1350 LB. 72.75-75.75; CHOICE 2-4 1075-1475 LB. 71.00-73.75; SELECT AND LOW CHOICE 2-3 1050-1425 LB. 67.00-71.50; FEW SELECT 2-3 1000-1250 LB. 65.00-68.00; CHOICE 1225-1670 LB. HOLSTEINS 64.00-67.00, SELECT 1200-1350 LB. 60.00-63.50.

SLAUGHTER HEIFERS: CHOICE 2-3 900-1150 LB. 68.00-72.00, FEW CHOICE 2 72.50-73.75; SELECT 2-3 900-1100 LB. 65.00-68.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 49.75-52.25, COUPLE HI DRESSING 52.75-54.75; COMMERCIAL 3-4 BULK 47.00-50.75; CUTTER AND BONING UTILITY 1-2 LO DRESSING 47.50-49.00, BULK 49.00-52.50, HI DRESSING 52.50-54.25; CANNER AND LOW CUTTER LO DRESSING 42.00-44.50, BULK 44.50-48.50.

BULLS: YIELD GRADE 1 1300-2200 LB. 63.00-67.50, FEW 67.50-69.00, 10 HEAD 70.00-73.75; YIELD GRADE 2 1000-1500 LB. 58.00-63.00, LOW DRESSING 55.50-57.50.

VEAL CALVES: SMALL SUPPLY CHOICE VEALERS STEADY, HIGH GOOD AND LOW CHOICE WEAK TO 5.00 LOWER; SLAUGHTER CALVES STEADY, INSTANCES 5.00 LOWER. DEMAND GOOD FOR HOLSTEIN BULLS AND HEIFERS TO RETURN TO FARM.

VEALERS: COUPLE HIGH CHOICE AND PRIME 225-325 LB. 100.00-110.00; CHOICE 140-280 LB. 85.00-100.00; HIGH GOOD AND LOW CHOICE 120-300 LB. 75.00-85.00, 80-110 LB. 65.00-72.00; STANDARD AND LOW GOOD 60-85 LB. 60.00-65.00.

SLAUGHTER CALVES: GOOD AND CHOICE 300-475 LB. 70.00-85.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 95.00-115.00. SMALL SUPPLY 95-120 LB. HOLSTEIN HEIFERS 95.00-115.00.

HOGS: COMPARED TO LAST WEDNESDAY BARROWS AND GILTS MOSTLY STEADY; SOME STEADY.

BARROWS AND GILTS: US 1-2 210-250 LB. 47.75-48.50; US 1 215-235 LB. 49.00-49.50; US 1-3 215-260 LB. 47.00-47.75, 190-210 LB. 40.00-45.00. US 2-4 230-270 LB. 45.00-46.50.

SOWS: US 1-3 300-650 LB. 32.00-35.00; US 2-3 400-600 LB. 28.00-31.00.

SHEEP: SPRING LAMBS MOSTLY STEADY; SLAUGHTER EWES STEADY, INSTANCES 5.00 LOWER ON YEARLINGS AND TWO-YEAR OLDS.

SPRING LAMBS: CHOICE AND PRIME 85-115 LB. 60.00-65.00, SHORN WITH #1 PELTS 65.00-67.00; CHOICE 40-75 LB. 60.00-70.00, FEW 70.00-75.00; GOOD 50-80 LB. 55.00-60.00.

SLAUGHTER EWEWS: UTILITY AND GOOD 20.00-30.00, YEARLINGS AND TWO-YEAR OLDS 30.00-40.00, FEW 18.00-20.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE 75.00-95.00, THIN 50.00-75.00; MEDIUM 40.00-50.00, FEW THIN 35.00-45.00; SMALL, MAINLY KIDS, 30.00-40.00, THIN 20.00-30.00.

Vintage Livestock Auction

Tuesday, August 8, 1989
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	709	1059	14	0
Last Tuesday	790	1088	16	7
Last Year	992	1009	2	2

CATTLE: SLAUGHTER STEERS MAINLY .50-.75 LOWER, ALTHOUGH LATE SALES STEADY; SLAUGHTER HEIFERS NOT TESTED; COWS MOSTLY STEADY; BULLS SCARCE. SUPPLY INCLUDED 47% SLAUGHTER STEERS AND 44% COWS.

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 3-4 1200-1400 LB. 72.75-74.50; CHOICE 2 1175-1425 LB. 72.75-74.75; CHOICE 2-4 1075-1450 LB. 70.50-72.75, WITH SOME LATE SALES 72.75-73.35; SELECT AND LOW CHOICE 2-3 1050-1450 LB. 68.75-71.00; SELECT AND CHOICE 1320-1550 LB. HOLSTEINS 58.35-62.75, COUPLE HIGH CHOICE 1520 LB. 67.85.

SLAUGHTER HEIFERS: FEW CHOICE 2-3 925-1075 LB. 66.75-68.60.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 BULK 49.50-52.00, HIGH DRESSING 52.00-53.75; COMMERCIAL 3-4 BULK 47.50-50.00; CUTTER AND BONING UTILITY 1-2 LOW DRESSING 46.25-48.50, BULK 48.50-51.50, HI DRESSING 51.50-52.75; CANNER AND LOW CUTTER LOW DRESSING 43.00-46.00, BULK 46.00-48.00, FEW 49.00-51.00.

BULLS: YIELD GRADE 1-2 1150-1900 LB. 57.00-61.75, COUPLE 62.50-64.75.

VEAL CALVES: VEALERS 4.00-5.00 HIGHER, ALTHOUGH WEIGHTS OVER 135 LB. SCARCE. SUPPLY INCLUDED 725 IN GRADED SALE OF WHICH 65% SOLD TO RETURN TO FARM.

VEALERS: FEW HIGH GOOD AND LOW CHOICE 140-295 LB. 70.00-86.00, INDIVIDUAL CHOICE 165 LB. 102.00; HIGH GOOD AND LOW CHOICE 80-115 LB. 72.00-80.00; STANDARD AND LOW GOOD 60-90 LB. 60.00-72.00.

RETURNED TO FARM: 205 HEAD 100-125 LB. HOLSTEIN BULLS 112.00-117.00, 60 HEAD 95 LB. 99.00-101.00, AND 50 HEAD 85-90 LB. 89.00-90.00; 75 HEAD SMALL FRAME 90-120 LB. 79.00-89.00; 30 HEAD 100-115 LB. HOLSTEIN HEIFERS 150.00-155.00, 35 HEAD 90-95 LB. 100.00-120.00, AND 20 HEAD 80-85 LB. 79.00.

SHEEP: INSUFFICIENT VOLUME FOR A MARKET TEST.

GOATS: NO MARKET TEST.

Lancaster Livestock

Wed., August 9, 1989

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Auction	54	4	431	0	0
Last Wed's Auction	68	4	637	0	0
Last Year's Auction	34	9	272	1	0

CATTLE: Small supply all classes steady.

SLAUGHTER STEERS: Choice 2-3 few 4 1085-1350 lb 72.00-74.00; Select and low Choice 2-3 1000-1250 lb 69.50-71.50.

COWS: Breaking Utility and Commercial 2-3 48.25-51.00; Cutter and Boning, Utility 1-2 47.75-49.25, couple low dressing 44.75-46.00.

BULLS: Three head yield grade 1-2 1825-2530 lb 59.75-62.75.

VEAL CALVES: No market test.

HOGS: Compared to Monday barrows and gilts steady, instances 25 higher; sows fully steady.

BARROWS AND GILTS: US 1-2 210-245 lb 48.00-48.75. US 1 215-235 lb 49.00-50.25. US 1-3 215-260 lb 47.00-47.75, Few 200-210 lb 40.00-44.00.

SOWS: US 1-3 300-650 lb 32.00-35.00. US 2-3 Few 450-600 lb 30.00-31.75.

SHEEP: No market test.

GOATS: No market test.

Valley Livestock

Athens, Pa.
Monday, Aug. 7, 1989
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 100.00.
VEAL CALVES TO 97.00.
VEALER BULL CALVES TO 127.50.
SLAUGHTER CALVES 60.00-75.00.
GRASSERS & FEEDERS 45.00-76.00.
LAMBS 60.00-72.00.
SHEEP 18.00-32.00.
HOGS 200 TO 250 LBS. 43.00-46.00.
SOWS 28.00-32.00.
BOARS 22.00-27.00.
PIGS EACH 12.00-26.00.
HEIFERS 48.00-56.75.
STEERS 55.00-63.00.
FEEDER STEERS 50.00-77.00.
BULLS 52.00-63.00.
COWS GOOD 47.00-52.00.
COWS MEDIUM 44.50-47.00.
COWS POOR OR SMALL 32.00-43.00.
CATTLE MARKET STEADY TO HIGHER.
CALF MARKET STEADY.
GOATS TO 52.00.
HORSES, EACH, TO 460.00.
PONIES TO 150.00.
ACTIVE SALE.

New Holland Livestock

New Holland, Pa.
Thursday, Aug. 3

	Cattle	Calves	Sheep	Goats
Today	994	755	211	36
Last Thursday	926	663	76	36
Last Year	1215	658	96	52

CATTLE: SLAUGHTER STEERS FIRM TO 50 HIGHER; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS 1.00 HIGHER, INSTANCES 2.00 HIGHER; BULLS AND BULLOCKS FULLY STEADY. SUPPLY INCLUDED 57% SLAUGHTER STEERS AND 34% COWS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1200-1400 LB 73.10-74.00, FEW HEAD 74.10-74.75; CHOICE 2 1175-1350 LB 73.25-74.75, COUPLE 75.00-75.75; CHOICE 2-4 1100-1500 LB 70.75-73.50, MAINLY 72.00-73.00; SELECT AND LOW CHOICE 2-3 1000-1325 LB 68.75-71.00; FEW SELECT 2-3 1050-1275 LB 66.75-69.50; CHOICE 1190-1410 LB HOLSTEINS 63.85-67.00.

SLAUGHTER HEIFERS: FEW SELECT 2-3 870-1300 LB 60.00-65.75.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 49.00-52.25, FEW HI DRESSING 53.00-54.50; CUTTER AND BONING UTILITY 1-2 LO DRESSING 47.75-49.50, BULK 49.50-52.50, HI DRESSING 52.50-54.75; CANNER AND LOW CUTTER LO DRESSING 43.00-46.00, BULK 46.00-49.50.

BULLOCKS: CHOICE 1-3 1000-1450 LB 63.75-65.50, COUPLE 65.50-68.00; SELECT 1-2 1000-1350 LB 59.75-62.50.

BULLS: YIELD GRADE 1 1400-2100 LB 61.75-65.50, COUPLE 65.50-68.00; YIELD GRADE 2 1000-1500 LB 58.75-62.00.

VEAL CALVES: VEALERS FIRM TO 5.00 HIGHER. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: COUPLE HIGH CHOICE AND PRIME 240-290 LB 106.00-114.00; CHOICE 135-300 LB 91.00-104.00; HIGH GOOD AND LOW CHOICE 135-250 LB 85.00-92.00, FEW 110-130 LB 83.00-88.00, 80-110 LB 76.00-86.00; STANDARD AND LOW GOOD 60-85 LB 68.00-75.00.

RETURNED TO FARM: BULK OF 95-120 LB HOLSTEIN BULLS 110.00-125.00, FEW 125.00-130.00; SMALL FRAME 85-115 LB 85.00-110.00.

SHEEP: SPRING LAMBS STEADY; SLAUGHTER 3.00-5.00 LOWER.

SPRING LAMBS: CHOICE AND PRIME 75-100 LB 58.00-63.00, FEW 50-70 LB 68.00-77.00; GOOD TO LOW CHOICE 50-100 LB 52.00-59.00.

SLAUGHTER EWES: UTILITY AND GOOD 12.00-32.00, MAINLY 16.00-28.00, FEW YEARLINGS AND TWO-YEAR-OLDS 30.00-45.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE 55.00-66.00, FIVE HEAD 76.00-100.00; MEDIUM 40.00-56.00.

Lancaster County Weekly

August 4, 1989

	CATTLE	CALVES
THIS WEEK	2800	1960
LAST WEEK	2914	1887
LAST YEAR	3419	1826

CATTLE: SLAUGHTER STEERS 1.00 HIGHER; SLAUGHTER HEIFERS 2.00-3.00 HIGHER; COWS MOSTLY 2.00 HIGHER; BULLOCKS SCARCE; BULLS FULLY STEADY. SUPPLY INCLUDED 49% SLAUGHTER STEERS, 6% SLAUGHTER HEIFERS, 28% COWS, 6% BULLS, WITH THE BALANCE FEEDERS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1200-1400 LB 72.75-74.50, FEW HEAD 74.50-75.75; CHOICE 2 1050-1425 LB 72.75-74.75, FEW 75.00-75.75; CHOICE 2-4 1075-1500 LB 70.50-73.75, LATE SALES MAINLY 72.00-73.00; SELECT AND LOW CHOICE 2-3 1000-1425 LB 68.75-71.00; SELECT 2-3 1000-1275 LB 65.00-69.50; CHOICE 1190-1670 LB HOLSTEINS 63.85-67.00, SELECT 1190-1450 LB 58.35-63.50.

SLAUGHTER HEIFERS: CHOICE 2-3 900-1150 LB 67.00-72.00, FEW CHOICE 2 72.50-73.75; SELECT 2-3 870-1300 LB 63.00-68.00, FEW 60.00-63.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 49.00-52.25, HIGH DRESSING 52.75-54.75; COMMERCIAL 3-4 BULK 47.00-50.75; CUTTER AND BONING UTILITY 1-2 LOW DRESSING 47.50-49.50, BULK 49.50-52.50, HIGH DRESSING 52.50-54.75; CANNER AND LOW CUTTER LOW DRESSING 43.00-46.00, BULK 46.00-49.50, FEW 49.50-51.00.

BULLOCKS: CHOICE 1-3 1000-1450 LB 63.75-65.50, COUPLE 65.50-68.00; SELECT 1-2 1000-1350 LB 59.75-62.50.

BULLS: YIELD GRADE 1 1300-2200 LB 61.75-67.50, FEW 67.50-69.00, 10 HEAD 73.00-73.75; YIELD GRADE 2 1000-1500 LB 58.00-63.00, LOW DRESSING 55.50-57.50.

VEAL CALVES: VEALERS 2.00-5.00 HIGHER; SLAUGHTER CALVES STEADY, INSTANCES 5.00 LOWER. DEMAND GOOD FOR HOLSTEIN BULLS AND HEIFERS TO RETURN TO FARM.

VEALERS: COUPLE HIGH CHOICE AND PRIME 240-290 LB 106.00-114.00; CHOICE 135-300 LB 88.00-104.00; HIGH GOOD AND LOW CHOICE 135-250 LB 85.00-92.00, FEW 110-130 LB 83.00-88.00, 80-110 LB 74.00-86.00; STANDARD AND LOW GOOD 60-85 LB 60.00-75.00.

SLAUGHTER CALVES: GOOD AND CHOICE 300-475 LB 70.00-85.00.

RETURNED TO FARM: BULK 95-125 LB HOLSTEIN BULLS 99.00-125.00, FEW 85-90 LB 89.00-100.00; SMALL FRAME 90-120 LB 79.00-110.00. FEW 100-115 LB HOLSTEIN HEIFERS 150.00-155.00, 35 HEAD 90-95 LB 100.00-120.00, AND 20 HEAD 80-85 LB 79.00.

HAY, STRAW & CORN
— SALE —
Every Friday At 11 AM
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

LANCASTER STOCK YARDS
Open 24 hours a day
365 days a year
(717)394-2811
AUCTIONS
MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs
FRIDAY
11:00 A.M. —Stocker and Feeder Cattle
SATURDAY
8:00 A.M. —Slaughter Hogs
Next Graded Feeder Cattle Sale
Fri., Aug. 18 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Business Phone
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Home Phone
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L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD 1, Marietta, PA 17547
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Specializing in Stockers & Feeders
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LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Sat., Aug. 5, 1989
Report supplied by auction

524 HEAD.
US 1-2 215-245 LBS. 49.00-49.75.
US 1 215-245 LBS. 50.00-50.75.
US 1-3 210-250 LBS. 48.00-48.75.
US 2-4 215-255 LBS. 47.00-47.75.
SOWS: ALL WEIGHTS 31.00-34.75.
BOARS: ALL WEIGHTS 28.00-32.25.

Peoria Hogs

Peoria, IL
August 10, 1989

HOGS: 1800 TRADING MODERATE. BARROWS AND GILTS STEADY TO .50 LOWER COMPARED WITH WEDNESDAY SUPPLY MAINLY US 1-3 220-250 LBS.

US 1-3 230-250 LBS 48.50-48.75, VOLUME 48.50 220-230 LBS. 47.50-48.50 210-220 LBS. 44.00-47.50 200-210 LBS. 41.00-44.00 2-3 230-260 LBS 48.00-48.50 260-280 LBS. 47.00-48.00

SOWS: UNDER 500 LBS. STEADY TO .50 LOWER OVER 500 LBS. .50 TO .75 HIGHER 18% US 1-3 325-500 LBS. 36.50-37.50 500-650 LBS. 37.50-38.25

BOARS: OVER 350 LBS. 40.00-40.50 250-350 LBS. 39.00-39.50 UNDER 250 LBS. 36.00-37.00

HOG 214

HB 44.00-48.50 HC 48.50-48.75 HD 48.50-48.75 HE 48.50-48.75 HH 44.00-48.50 HI 48.50-48.75 HJ 48.50-48.75 HK 48.50-48.75 HQ 48.00-48.50 HR 47.00-48.00 VV 36.50-37.50 WW 36.50-37.50 XX 37.50-38.25 YY 37.50-38.25 ZZ 40.00-40.50

New Holland Feeder Pigs

August 9, 1989

TODAY	892
LAST WEDNESDAY	1145
LAST YEAR	1095

TREND: Compared to last Wednesday feeder pigs steady to 5.00 lower, instances 10.00 lower on US 2. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 44 36-38 66.00-73.00. 105 40-49 61.00-66.00. 169 50-55 56.00-60.00. 42 60-69 49.00-58.00.

US 2 24 27 62.00. 77 30-36 50.00-58.00. 72 45-47 52.00-53.00. 24 54-56 47.00-49.00. 62 66-71 42.00-45.00.

US 2-3 23 30-52 42.00-47.00.

SLAUGHTER 25 20-21 72.00-91.00. 65 30-35 59.00-69.00.

New Holland Hogs

August 7, 1989

TODAY	1122
LAST MONDAY	797
LAST YEAR	718

TREND: Compared to last Monday barrows and gilts 50-1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb 48.00-49.50, Few 49.50-50.00.

US 1 210-260 lb 49.75-51.75.

US 1-3 215-265 lb 46.00-47.50, 190-210 lb 40.00-45.25.

US 3-4 One lot 320 lb 32.50.

Peoria Hogs

Thursday, Aug. 10, 1989

HOGS: 1800 - BARROWS & GILTS MODERATE, STEADY TO 50 LOWER.

US 1-3 230-250 LB. 48.50-48.75, VOLUME 48.50, 220-230 LB. 47.50-48.50, 210-220 LB. 44.00-47.50, 200-210 LB. 41.00-44.00.

US 2-3 230-260 LB. 48.00-48.50, 260-280 LB. 47.00-48.00.

SOWS: UNDER 500 LB. STEADY-50 LOWER; OVER 500 LB. 50-75 HIGHER. (18%)

US 1-3 325-500 LB. 36.50-37.50, 500-650 LB. 37.50-38.25.

BOARS: OVER 350 LB. 40.00-40.50; 250-350 LB. 39.00-39.50; UNDER 250 LB. 36.00-37.00.

Indianapolis Hogs

Thursday, Aug. 10, 1989

600 - BARROWS & GILTS 25 LOWER.

US 1-3 225-255 LB. 48.50-48.75.

SOWS: SCARCE. (3%)

US 1-3 FEW 435-530 LB. 35.00.

BOARS: OVER 100 LB. 35.00-36.00.

St. Louis Hogs

Thursday, Aug. 10, 1989

HOGS: 2800 - BARROWS & GILTS FAIRLY ACTIVE, STEADY TO FIRM, INSTANCES 25 HIGHER.

US 1-3 230-270 LB. 48.00-48.50, BULK 48.50, 200-230 LB. 44.00-46.00, FEW UNDER 210 LB. 43.50, FEW OVER 225 LB. 47.00.

US 2-3 270-300 LB. 45.50-47.75.

SOWS: UNDER 500 LB. 1.00 LOWER; OVER 500 LB. 1.00 HIGHER. (AROUND 8%)

US 1-3 300-500 LB. 36.00-37.00, OVER 500 LB. 38.00-40.00.

BOARS: OVER 300 LB. 39.50-40.00; UNDER 300 LB. 38.50-39.00.

Isennock Auction

New Park, Pa.
Monday, Aug. 7, 1989
Report supplied by auction

SLAUGHTER COWS: GOOD 48.25-50.75, LOW TO GOOD 46.25-47.25, LOW AND CULLS 45.25 & LOWER.

VEAL CALVES: 130-135 LBS. 85.00-100.00, 110-115 LBS. 95.00-108.00, 80-95 LBS. 70.00-100.00, WEAK 71.00 & LOWER.

UTILITY CALVES: 160 LBS. 84.00, 100-110 LBS. 82.00-101.00, 80-95 LBS. 73.00-126.00, WEAK 92.00 & LOWER.

FEEDER CATTLE: 1 STEER AT 700 LBS. 79.00.

FEEDER BULLS: 625-690 LBS. 60.00-75.00.

BULLS: 985-1090 LBS. 52.00-56.00.

BOARS: 550-560 LBS. 25.00-28.50.

FEEDER PIGS: UNDER 35 LBS. 19.00-20.00 PER HEAD.

SHEEP: 140-160 LBS. 29.00, 60-100 LBS. 51.00-61.00.

GOATS: PER HEAD, MEDIUM 42.00-49.00, SMALL 25.00-36.00.

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Aug. 4 through Thursday, Aug. 10)

CORN

	FRI.	MON.	TUES.	WED.	THUR.
SEPT.	219¼	224¾	224¼	223	225
DEC.	222	226¾	226¼	224½	225¾
MR.90	229¾	234¾	234	232½	233½
MAY	235	239½	238¼	237¼	238¾
JUL.	236½	241	239¾	238½	240

SOYBEANS

	FRI.	MON.	TUES.	WED.	THUR.
AUG.	590¾	601½	592½	594	603¼
SEPT.	581¼	585½	570½	576½	580¼
NOV.	577¾	580½	564	570½	575
JAN.	597¾	590½	574¼	580¾	584½
MAR.	605½	600½	583¼	591	594¾
MAY	607	607¾	592	596½	602½
JUL.	582¾	611	593	601½	605

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THUR.
AUG.	74.17	73.82	74.30	74.57	74.67
OCT.	76.62	76.45	76.32	76.27	76.27
DEC.	74.97	74.87	74.90	74.85	74.87
FEB.	73.82	74.05	73.82	73.72	73.72
APR.	74.87	75.15	74.67	74.45	74.70

WHEAT

	FRI.	MON.	TUES.	WED.	THUR.
SEPT.	387½	391½	391½	395	395¾
DEC.	401½	406	405¾	409	409¼
MAR.	406	411	410	413¾	413¼
MAY	391	394	392½	395¾	395
JUL.	362¾	365½	362	367	365

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THUR.
AUG.	188.20	191.70	191.00	192.90	196.20
SEPT.	183.40	184.40	181.70	182.10	184.50
OCT.	179.70	180.70	177.20	177.70	179.70
DEC.	179.30	179.90	176.50	176.60	178.70
JAN.	180.20	180.10	176.70	177.00	178.90
MAR.	182.20	182.10	178.70	178.20	180.00
MAY	183.50	183.20	180.00	179.70	181.50

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THUR.
AUG.	46.80	46.55	47.10	46.77	46.60
OCT.	41.22	41.10	41.05	40.30	39.85
DEC.	43.02	43.27	43.02	41.85	41.70
FEB.	43.77	43.95	43.75	42.80	42.75
APR.	41.27	41.45	41.45	40.22	40.20
JUNE	45.87	45.95	46.00	45.15	45.25

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES. ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services. For additional market comments and trading service contact PFA Commodity Futures Service. (717) 761-2740

Acres Corn Update: Corn futures prices closed lower today from 1/2 to 2 cents pressured by the latest round of crop estimates from private forecaster Conrad Leslie. His figure, at 7.723 billion bushels, was above earlier average estimates of 7.531 billion and well above the USDA figure of 7.45 billion. The report is scheduled for release tomorrow afternoon at 3:00 EDT and will estimate production as of August 1st. This morning's opening was shaky on reports of scattered price protection with prices strengthening on short covering. Positioning was featured throughout the day. September closed 1-1/4 cent lower this afternoon at $2.23 after trading in a range from $2.22 to $2.24-1/4. Bids for generic certificates were mostly steady today.

Acres Soybean Update: Soybean futures prices recovered today and erased from 1-1/2 to 9 cents of yesterday's losses. Volume was light today with positioning featured in advance of tomorrow's production estimates. Talk of dry weather in the western areas provided support along with short covering. advance of Thursday's Crop Production Report. Ideas that dry weather would keep yields below optimum levels spurred some buying. Local buying was prompted by a 2.0 million bushel purchase midday and helped to propel prices to daily highs. November closed 6-1/2 cents higher today at $5.70-1/2 after trading in a range from $5.63 to $5.71.

Acres Wheat Update: Wheat futures prices closed higher this afternoon from 3-1/4 to 5 cents on aggressive buying tied to a strong export line-up. Gains were exaggerated by thin volume with many participants sidelined in front of tomorrow's USDA Crop production figures. Initial support was linked to reports that Ag. Secretary Yeutter said export bonus initiatives may be increased if the crop report reflects an increase in production forecasts. Slackening hedge selling provided additional support as the hard red and spring red wheat harvests begin to wind down. September closed 3-1/2 cents higher today at $3.95 after trading in a range from $3.91-1/2 to $3.95.

(Turn to Page A17)

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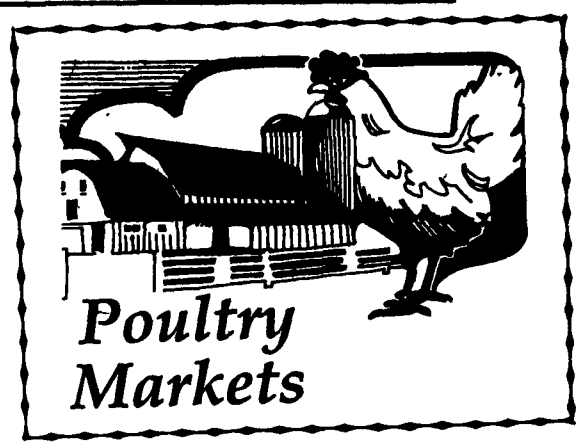

New England Shell Eggs

August 10, 1989

Prices were unchanged on cartoned eggs while trending higher on loose eggs. Trade sentiment was fully steady to firm. Distributive movement was generally moderate. Supplies continued in close balance to instances short of needs.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: JUMBO 1.02-1.05, EX LARGE .83-.86, LARGE .78-.81, MEDIUM .52-.55, SMALL .27-.30.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .96-1.01, A LARGE .91-.96, A MEDIUM .65-.70.

N.Y. & Phila. Frozen Eggs

August 8, 1989

Prices trended higher on whole eggs, unchanged on the balance. Inquiry was fair to good but trading remained light and cautious. Costs of raw materials were up, while availability was limited. Finished product inventories were generally sufficient for current buyer interest.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 52-55 MOSTLY 53-54 55-61 BLENDS (/) - MOSTLY - 53-62 WHITES 60-62 MOSTLY 61-62 63-70 YOLKS (MIN. 43% SOLIDS) SUGARED 45-48 MOSTLY 46-47 48-55 SALTED 42-44 MOSTLY 42-43 45-50 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

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Heinsey's Poultry

Roots, E. Petersburg
August 8, 1989

Muscovy Ducks, Drakes 1.70-1.86.
Hens 1.00-1.12.
Pekin Ducks .25-.38.
Red Fowl: 4-4.5# .26-.38, 5-6# .40-.56.
Crossbred Roosters: 4-6# .30-.82, 7-11# .30-.64.
Crossbred Fowl: 5-10# .20-.42.
Banty Roosters 3.00-6.50 ea.
Banty Hens .50-1.25 ea.
Guinea Pigs .50-2.00 ea.
Goats 36.00-57.00 ea.
Kid Goats 24.00-29.00 ea.
Geese 8-10# .20-.34.
Pigeons 1.50-1.85 ea.
White Pigeons 1.75-2.50 ea.
Rabbits: 4-6# .40-.68, 7-11# .40-.62.
Leghorn Roosters .20-.28.
Leghorn Hens .30-.38.
Bunnies .50-1.50 ea.
Doves 2.50-5.00 ea.
Chukars 3.00-3.50 ea.
Silkies 2.50-4.50 ea.
Total Coops Sold 708.

Northeast Chicken Parts

August 10, 1989

Trading activity was irregular. Interest for promotional activity has stimulated some additional buying interest and added some confidence in the market place. Product varied in its availability with higher prices being sought for rib on and line run breasts. Retail and distributive movement was still on the quiet side with best movement continuing through restaurant and fast food outlets.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 185-190 RIBS ON 98-99 LINE RUN 98 LEGS 37-38 LEG QUARTERS 27-28 WINGS 45-46 BACKS & NECKS 10-12 LIVERS 10-15 GIZZARDS (HEARTS) 35-40

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, August 8, 1989
Report Supplied by Auction

HEAVY FOWL .45.
MIXED FOWL 1.00.
BANTAMS .70.
BROILERS .50-.60.
ROASTERS .65-.85.
FRYERS .60-.65.
ROOSTERS .75-1.45.
GEESE .50.
DUCKS .40-1.50.
RABBITS .70-1.15.
PIGEONS 1.10-1.25.
GUINEAS 2.15-2.25.

WHITE EGGS: EXTRA LARGE & JUMBO .69-.94, LARGE .49-.80, MEDIUMS .40-.58, SMALLS .32-.39.

BROWN EGGS: EXTRA LARGE & JUMBO .98-1.05, LARGE .60-.95, MEDIUMS .47-.61, SMALL .38-.41.

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Weekly New York Egg Market Northeast Quotes

From Fri., Aug. 4 to Thurs., August 10

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.92	.92	.95	.96	.99
EX. LARGE	.87	.87	.90	.90	.93
LARGE	.81	.81	.84	.84	.87
MEDIUM	.67	.67	.69	.69	.73
PULLETS	.50	.50	.53	.55	.60
OFF GRADE	.69	.69	.72	.72	.75
BROWN					
EXTRA LARGE	.93	.93	.96	.96	.99
LARGE	.85	.85	.88	.88	.91
MEDIUM	.77	.77	.80	.80	.83
OFF GRADE					
UNDERGRADES AND CHECKS	.40	.40	.42	.44	.46

BREAKING STOCKS: FRI. 42-44 LBS. 42.00-44.00, 48-50 LBS. 49.00-51.00, 50 LBS. AND UP 51.00-52.00; MON. 42-44 LBS. 42.00-44.00, 48-50 LBS. 49.00-51.00; 50 LBS. AND UP 51.00-52.00; TUES. 42-44 LBS. 44.00-46.00; 48-50 LBS. 51.00-53.00; 50 LBS. AND UP 53.00-54.00; WED. 42-44 LBS. 47.00-49.00; 48-50 LBS. 53.00-55.00; 50 LBS. AND UP 55.00-56.00; THURS. 42-44 LBS. 49.00-51.00, 48-50 LBS. 55.00-57.00, 50 LBS. AND UP 57.00-58.00.

N.E. Weekly Shell Egg Report

Tuesday, August 1
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.06-1.10	1.01-1.05	.75-.79	.48-.52
MOSTLY	1.08-1.09	1.03-1.04	.77-.78	.50-.51
RHODE ISLAND	1.06-1.10	1.01-1.05	.75-.79	.48-.52
MOSTLY	1.06	1.01	.75	.48
VERMONT	1.09-1.19	1.04-1.15	.79-.99	
MOSTLY	1.09	1.04	.79	
MAINE	1.13-1.15	1.08-1.10	.82-.84	.55-.57

Delmarva Broiler Fryer

August 10, 1989

Movement of ready to cook whole fryers was fairly good; however, demand for additional product continued somewhat sluggish. Supplies were fully adequate. In the parts complex, supplies of cutlets were fully adequate but some buyer inquiry noted, whole breasts were in close balance with a good demand, dark meat items and wings were adequate and clearing. Less than trucklot asking prices were steady at 56-65 cents. Live supplies were adequate. Average weights were trending heavier but still in a desirable range. Today's slaughter schedules were moderately heavy. The trade sentiment was generally steady.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 8/10 8/8 8/8 8/3 8/1 2,031 2,024 4.42 2,001 4.42

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 56-65 WEIGHTED AVERAGE 59.95 NO. OF BOXES 9,201

Eastern PA & NJ Poultry

August 9, 1989

Prices for light type hens were generally 1 cent lower than last week; however, the trade sentiment was steady to firm. Several flocks of heavy hens traded at 15-16 cents at the farm, producer loaded. Offers from producers were very light for the active buyer interest. Processor schedules were irregular but mostly full. Demand for canner product improved over prior week. The undertone was fully steady to firm.

LIVE LIGHT TYPE HENS: AT FARM 9-11 MOSTLY 10.

Philadelphia Eggs

Thursday, August 10, 1989
Report Supplied by USDA

MARKET COMMENT: PRICES WERE UNCHANGED TO HIGHER UNDER A STEADY TO FIRM TRADE SENTIMENT. RETAIL DEMAND WAS FAIR TO FAIRLY GOOD AND WHOLESALE DEMAND WAS MODERATE TO GOOD. SUPPLIES WERE GENERALLY BALANCED; OFFERINGS WERE MADE AT CONFIDENT PREMIUM TERMS.

EXTRA LARGE .76½ -.85, LARGE .74½ -.83, MEDIUM .61-.68.

National Egg Market

August 9, 1989

The market tone was generally fully steady to firm. Cartoned egg movement was moderate to good in most areas with best interest usually where retail promotional activity was in progress. Supplies were quickly dissipating and where available were held with increased confidence. Costs for raw materials were also advancing and offerings were limited forcing breakers to become more aggressive to cover needs.

New York Eggs

August 10, 1989

Prices trended higher on all sizes. Trade sentiment was fully steady. Cartoned egg demand was irregular. Interest for retail promotional activity was expected to stimulate some additional buying. Supplies, though confidently held, were usually sufficient for most current trade needs.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .85-.87, A LARGE .82-.85, A MEDIUM .68-.71.

Dewart Livestock

Dewart, PA
August 7, 1989

CATTLE 92...PDA...Compared with last Monday's market: Slaughter cows .75 to $2 higher. One Choice sl. steer 70.00, couple Select 65.25&68.25; couple Select Holsteins 61.00&62.00, few Standard 60.50-63.00. Few Select sl. heifers 58.25-66.25-60.00. Breaking Utility & Commercial sl. cows 47.75-52.25, one 53.85, Cutter & Bon. Utility 48.00-53.50, Canner & Low Cutter 44.00-47.75 Few Yield Grade No. 1, 890/1730 lbs. sl. bulls 55.00-62.25. Feeder Cattle: Few Medium Frame No. 1, 380/670 lbs. bulls 64.00-89.00.

CALVES 199...One Choice vealer 110.00, couple Good 82.00&85.00, Standard & Good 70/100 lbs. 71.00-79.00, Utility 60/90 lbs. 60.00-72.00. Farm Calves: Holstein Bulls, No. 1-2, 90/135 lbs. 80.00-130, mostly 100.00-120.00, Hol. Heifers 85/135 lbs. 78.00-138.00.

HOGS 34...Few Lots US 1-3 210/235 lbs. barrows and gilts 46.40-48.00. US No. 1-3 250/600 lbs. sows 32.00-36.25. Few Boars 25.50-31.75.

FEEDER PIGS 66...US No. 1-3 20/30 lbs. feeder pigs 11.00-16.00, few lots 35/45 lbs. 20.00-22.00 --- all per head; lot 95 lbs. 38.00 Cwt.

SHEEP 10...Few Good & Choice 40/80 lbs. spring slaughter lambs 51.00-58.00. Few Slaughter ewes 15.00-20.00.

GOATS 0...No Market Test.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Aug. 7, 1989
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 306 HEAD OF HORSES, MULES AND PONIES. MARKET STRONGER.

DRIVING HORSES 475.00-1100.00.
RIDING HORSES 410.00-610.00.
BETTER HORSES 750.00-910.00.
REGISTERED HORSES 725.00-1020.00.
LIGHTWEIGHT KILLERS 220.00-450.00.
HEAVYWEIGHT KILLERS 500.00-685.00.
MARES 45.00-110.00.
COLTS 35.00-50.00.
GELDINGS 45.00-110.00.
LARGER PONIES 160.00-250.00.

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* Excellent Palatability

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* Excellent Palatability
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* Available in any protein level from 14% to 22%

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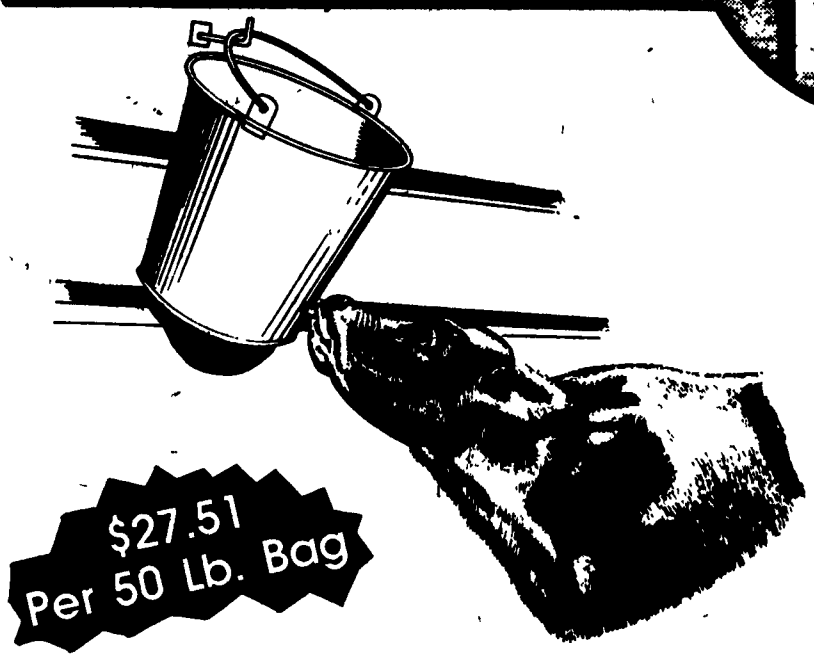
- **24 Monthly Payments**

pennfield feeds



$27.51 Per 50 Lb. Bag

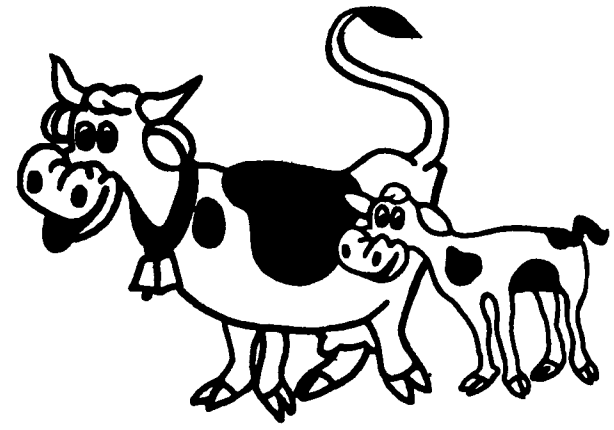
PENNFIELD GO-CALF
CALF MILK REPLACER

* 21% Protein
* 20% Fat
* Added Amino Acids
* Formulated For Fast Growth
* Easy Mixing
* Guaranteed Quality

BIG HEIFER PROGRAM

3 Months To Fresh

Big Heifers With Bovatec®



8,135 replacement heifers are presently being grown on Pennfield's Big Heifer Program.

This program is designed to let the dairyman grow big deep bodied heifers by using his home grown forages.

#54500 Heifer Concentrate - Bovatec®
1 lb/head/day

#54600 Heifer Grower Textured - Bovatec®
4-5 lb/head/day

Birth To Fresh Total Cost Purchased Feed $254.00

PENNFIELD CUSTOMER SERVICE DEPT. - OPEN 24 HOURS A DAY
PA 1-800-732-0467 MD, DE & NJ 1-800-233-0202

FEED PRICES FOR WEEK OF AUGUST 14 AND SUBJECT TO CHANGE WEEKLY WITH GRAIN MARKET

Includes 8 ton volume discount and cash discount of 2½ % due 15th following month. Deduct additional $3.00 per ton if paid in 10 days.

Hay & Grain Markets

Pa. Grain

August 7, 1989
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN STEADY TO .04 LOWER; WHEAT STEADY TO .02 LOWER; BARLEY STEADY TO .03 LOWER; OATS STEADY TO .15 LOWER; SOYBEANS WEAK TO .45 LOWER; EAR CORN STEADY TO WEAK.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.75-3.10, AVERAGE 2.91, *CONTRACT FOR HARVEST 2.25-2.40; @WHEAT NO. 2 RANGE 3.40-3.75, AVERAGE 3.62; BARLEY NO. 3 RANGE 1.85-2.10, AVERAGE 1.94; OATS NO. 2 RANGE 1.40-1.80, AVERAGE FEW REPORTED DOWN 1.25, AVERAGE 1.60; SOYBEANS NO. 1 RANGE 6.10-6.65, AVERAGE 6.36, *CONTRACT FOR HARVEST 5.40-5.58; FEW REPORTED GR. SORGHUM #2, *CONTRACT FOR HARVEST 2.40; EAR CORN RANGE 82.00-108.00, AVERAGE 92.15.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-3.20, AVERAGE 2.97; @WHEAT NO. 2 RANGE 3.35-3.70, AVERAGE 3.47; BARLEY NO. 3 RANGE 1.85-2.20, AVERAGE 2.01; OATS NO. 2 RANGE 1.40-1.85, AVERAGE 1.59; FEW REPORTED SOYBEANS NO. 1 RANGE *6.20, AVERAGE 6.20; EAR CORN RANGE 75.00-100.00, AVERAGE 91.25.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.75-3.20, AVERAGE 2.94; @WHEAT NO. 2-Y RANGE 3.00-3.75, AVERAGE 3.53; BARLEY NO. 3 RANGE 1.85-2.20, AVERAGE 1.97; OATS NO. 2 RANGE 1.20-1.80, AVERAGE 1.49; SOYBEANS NO. 1 RANGE 5.77-6.65, AVERAGE 6.21; EAR CORN RANGE 75.00-108.00, AVERAGE 90.33.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.75-3.15, AVERAGE 2.94; @WHEAT NO. 2 RANGE 3.00-3.68, AVERAGE 3.44; BARLEY NO. 3 RANGE 1.90-2.15, AVERAGE 1.98; OATS NO. 2 RANGE 1.20-1.65, AVERAGE 1.42; SOYBEANS NO. 1 RANGE 5.77-6.15, AVERAGE 5.94; EAR CORN RANGE 80.00-85.00, FEW REPORTED 102.00, AVERAGE 86.89.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.63-3.10, AVERAGE 2.92; @WHEAT NO. 2 RANGE 3.40-3.75, AVERAGE 3.57; BARLEY NO. 3 RANGE 1.80-1.95, AVERAGE 1.88; OATS NO. 2 RANGE 1.40-2.25, AVERAGE 1.78; FEW REPORTED SOYBEANS NO. 1 *6.00, AVERAGE 6.00; EAR CORN 80.00-92.00, AVERAGE 86.00.

MONTH AGO

CORN NO. 2-Y 3.14; @WHEAT NO. 2-Y 3.66; BARLEY NO. 3 2.02; OATS NO. 2 1.84; SOYBEANS NO. 1 7.46; NEW EAR CORN 94.63.

YEAR AGO

CORN NO. 2-Y 3.36; @WHEAT NO. 2-Y 3.44; BARLEY NO. 3 2.39; OATS NO. 2 2.35; SOYBEANS NO. 1 8.46; NEW EAR CORN 95.96.

Regional Hay

August 4, 1989
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW STEADY, MOVEMENT VERY SLOW.

ALFALFA 65.00-95.00, FEW 120.00; MIXED HAY 60.00-85.00, FEW 100.00; TIMOTHY 55.00-85.00, FEW 100.00; STRAW 35.00-75.00; MULCH 20.00-35.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 8/4/89. PRICES PER TON: LOADS: 93 HAY, 52 STRAW, AND 55 EAR CORN.

ALFALFA 71.00-150.00; MIXED HAY 70.00-110.00; TIMOTHY 95.00-165.00; STRAW 75.00-100.00; EAR CORN 97.00-127.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 8/4/89. PRICES PER TON: LOADS: 48 HAY, 18 STRAW & 18 EAR CORN.

ALFALFA 97.50-130.00; MIXED HAY 50.00-100.00; STRAW 50.00-67.50; EAR CORN 95.00-122.50.

New Holland Hay

New Holland, Pa.
Monday, Aug. 7, 1989
Report Supplied by Auction

TOTAL LOADS: 134.
ALFALFA: 91.00-149.00.
TIMOTHY: 59.00-125.00.
MIXED HAY: 52.00-150.00.
STRAW: 46.00-120.00.
CORN: 90.00-114.00.
ORCHARD GRASS: 67.00-91.00.
OATS:1.70-3.50.

Green Dragon Hay

Ephrata, Pa.
Friday, Aug. 11, 1989
Report Supplied by Auction

TOTAL LOADS: 49.
MIXED HAY: 42.00-103.00.
ALFALFA: 52.00-154.00.
TIMOTHY: 3 LOADS, 115.00, 150.00, & 174.00.
STRAW: 48.00-100.00.
EAR CORN: 97.00-115.00.
OATS: 1.65-2.30 BU.

New Wilmington Hay

New Wilmington, PA.
Friday, Aug. 4, 1989
Report Supplied by Auction

TOTAL LOADS: 9.
MIXED HAY: 52.50-97.50.
TIMOTHY: TWO AT 37.50 & 67.50.
ORCHARD GRASS: 1 AT 50.00.
RYE GRASS: 1 AT 67.50.
STRAW: 1 LOAD 80.00.
OATS: 1 LOAD 2.75 BU.
EAR CORN: 5 LOADS, MOSTLY 126.00-130.00, 1 LOAD AT 102.50.

Seeking Profits In Commodities Trading?

- Hedging
- Speculating
- Managed Account
- Commodity Options

Call Forney Longenecker,
Commodities Investment Executive,
At (717) 295-8914

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An American Express company

FOR SALE
Wood Shavings & Sawdust

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* Year Around Supply

Call For Price

Martin Grain Co.
Mt. Joy, PA
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HERE TO STAY!
NEW HOLLAND SALES STABLES, INC.
THE ACTION AUCTION

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE

7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

11:00 A.M.

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland. Penna.
717-354-4341
Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

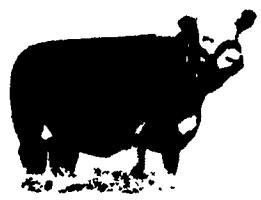
WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

10:00 AM

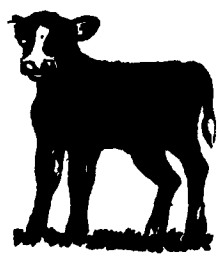
BULLS -

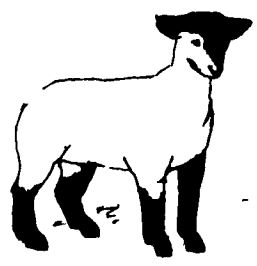


STEERS -
BEEF COWS

1:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Market

St. Joseph, MO
August 9, 1989

GRAIN PRICES MIXED ON WEDNESDAY. RECENT EXPORT ORDERS AND GOOD DEMAND SUPPORTED WHEAT PRICES. CORN PRICES LOWER PRESSURED BY LIGHT EXPORT INTEREST. SHORT COVERINGS AFTER YESTERDAYS DECLINES AND THE UPCOMING RELEASE OF U.S.D.A.'S CROP PRODUCTION REPORT DUE OUT TOMORROW, BOOSTED SOYBEAN PRICES.

EXPORT NEWS: NONE REPORTED TODAY.

DATE CHANGE YEAR AGO 08/09/89 08/08/89 08/10/88 WHEAT: KANSAS CITY 4.13-4.14 UP 3 3.71-3.73 MINNEAPOLIS 4.18 3/4 UP 4 1/4-1 1/4 4.23 3/4 PORTLAND 4.42-4.45 UP 2 4.05-4.11 ST. LOUIS 3.97-4.07 UP 4-12 3.67-3.71

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.25-2.30 DN 3 2.73-2.79 MINNEAPOLIS 2.25 UP 3/4 2.76 3/4 SO. IOWA 2.29-2.32 NC 2.77-2.85 OMAHA 2.17-2.18 DN 1-2 2.58-2.64

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.83-5.88 UP 11 8.47-8.53 MINNEAPOLIS 5.89 1/2 UP 7 1/2 8.50 1/2 SO. IOWA 6.00-6.04 UP 1-3 8.55-8.58 C. ILL. PROCESSORS 6.08 1/2-6.15 1/2 UP 16 1/2-14 1/2 8.63 1/2-8.70

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (SEPT) WHEAT 4.02 UP 2 3/4 3.79 1/4 MINNEAPOLIS (SEPT) WHEAT 3.96 3/4 UP 4 1/4 4.08 3/4 CHICAGO (SEPT) WHEAT 3.95 UP 3 1/2 3.83 1/4 (SEPT) CORN 2.23 DN 1 1/4 3.00 3/4 (NOV) SOYBEANS 5.70 1/2 UP 6 1/2 8.69 3/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.44-4.48 UP 3 4.03-4.06 NO. 2 SOFT RED WINTER WHEAT 4.16-4.17 UP 4 3.92-3.95 NO.2 YELLOW CORN 2.47-2.48 UP 1 3.06-3.07 NO.2 YELLOW SORGHUM RAIL 4.61 UP 5 BARGE 4.43 NC 5.01-5.14 NO.2 YELLOW SOYBEANS 6.20-6.25 UP 1-3 8.84-8.86.

Leinbach's Hay

Shippensburg, PA
Aug. 5 and Aug. 8. Report Supplied by Auction

TOTAL LOADS: 57.
ALFALFA: 50.00-128.00.
MIXED HAY: 46.00-105.00.
TIMOTHY: 50.00-100.00.
CLOVER: 50.00.
BROME GRASS: 51.00-90.00.
ORCHARD GRASS: 41.00-60.00.
STRAW: 19.00-51.00.
EAR CORN: 75.00-110.00.
OATS: 1.50-1.75 BU.
MULCH HAY: 19.00-30.00.

Good's Hay

Leola, Pa.
Wed., August 9, 1989
Report Supplied by Auction

TOTAL LOADS: 61.
ALFALFA: 40.00-120.00.
TIMOTHY: 60.00-152.00.
MIXED HAY: 50.00-137.00.
STRAW: 51.00-119.00.
CORN: 83.00-110.00.
OATS: 1.80-2.00 BU.

North Jersey Market

Hackettstown, N.J.
Tues., August 8, 1989
Hay—Straw & Grain Report

ALFALFA HAY 2 LAODS 1.75-2.30 BALE.

Dewart Hay

Dewart, PA.
Monday, Aug. 7, 1989
Report Supplied by Auction

HAY: 3 LOADS 45.00-63.00.
STRAW: 3 LOADS 57.00-67.00.
CORN: 80.00-114.00.

Keister's Hay

Middleburg, PA
Tuesday, Aug. 8
Report supplied by auction

ALFALFA: 127.50.
MIXED HAY: 9 LOADS 60.00-102.50.
STRAW: 1 LOAD 50.00.
EAR CORN: 12 LOADS 85.00-115.00.
OATS: 1 LOAD 1.90 BU.

Belleville Hay

Wednesday, August 9
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 23 LDS. HAY.
ALFALFA: 50.00-80.00.
MIXED HAY: 25.00-90.00.
STRAW: 65.00-67.50.

Grantsville Livestock

Grantsville, Maryland
Sat., Aug. 5, 1989

HOGS: TOP BARROWS & GILTS 46.00-48.60; HEAVY BUTCHER 40.50-48.00; LIGHT BUTCHER 30.00-45.00; BUTCHER SOWS 30.00-35.00; FEEDER SHOATS 8.00-33.00.

VEAL: GOOD 87.50-105.00; STANDARD 75.00-85.00; UTILITY 45.00-65.00; BULL CALVES 80.00-118.00.

SHEEP & LAMBS: GOOD 62.50-70.00; UTILITY 50.00-60.00; SLAUGHTER EWES 15.00-25.00.

SLAUGHTER CATTLE: STEERS GOOD 68.00-70.85; STANDARD 62.00-65.00; UTILITY 58.00-60.00. HEIFERS GOOD 64.00-68.50; STANDARD 60.00-62.00; UTILITY 52.00-58.00.

COWS: COMMERCIAL 45.00-53.50; UTILITY 40.00-42.50; CANNER & CUTTER 38.00 & DOWN.

BULLS: COMMERCIAL & GOOD 54.00-62.50; CUTTER & UTILITY 45.00-50.00.

STOCK-FEEDER CATTLE: GOOD 70.00-80.00; MEDIUM 60.00-68.50.

STEER CALVES: GOOD 85.00-100.00; MEDIUM 65.00-75.00.

HEIFER CALVES: GOOD 70.00-87.50; MEDIUM 58.00-65.00.

EGGS: LARGE .55-.70; MEDIUM .50-.54.

Eighty-Four Livestock

Eighty-Four, PA
August 7, 1989

CATTLE 264...PDA...Compared with last Monday's market: Slaughter cows steady to weak. Few Select slaughter steers 64.00-68.50, few Standard 58.00-62.50, few Utility 52.00-55.00. Few Choice sl. heifers 65.00-67.00, Select 62.00-64.50, few Standard 55.00-58, few Utility 49-52.00. Breaking Utility & Commercial sl. cows 46.50-50.00, couple 55.50, Cutter & Bon. Utility 45.00-48.50, Canner & low Cutter 38.00-45.50, Shells down to 25.00. Yield Grade No. 1, 1100/2040 lbs. sl. bulls 58.00-66.00, No. 2, 900/1350 lbs. 52.00-55.80. Feeder Cattle: Few Medium Frame No. 1, 400/550 lbs. steers 78.00-88.00, Large #2, 700/900 lbs. 67.00-76.00. Med. & Large Frame No. 1, 400/650 lbs. heifers 67.00-80.00. Medium Frame No. 1, 300/500 lbs. bulls 80.00-90.00.

CALVES 289...Few Choice vealers 90.00-108.00, Good 81.00-93.00, Standard & Good 90/120 lbs. 70.00-80.00, 60/85 lbs. 60.00-73.00, Utility 45/65 lbs. 45.00-50.00. Farm Calves: Holstein bulls 90/125 lbs. 90.00-120.00, few 125.00-140.00. Beef cross 80/115 lbs. bulls & heifers 75.00-110.00.

HOGS 128...Barrows and gilts .50 to $1 lower. US No. 1-2 220/240 lbs. 47.25-47.75, 1-3 215/270 lbs. 45.50-47.00, 2-3 220/250 lbs. 44.00-45.25, lot 2-4 245 lbs. 42.00, 1-3 145/180 lbs. 40.00-43.50. US No. 1-3 300/550 lbs. sows 32.00-34.50, 2-3 300/650 lbs. 30.00-32.00. Boars 30.00-33.00.

FEEDER PIGS 18...US No. 1-3 30/45 lbs. feeder pigs 15.00-18.00, small lot 1-2 36 lbs. 24.00 --- per head.

SHEEP 157...Spring slaughter lambs $2 to $4 higher. High Choice & Prime 80/100 lbs. spring slaughter lambs 66.00-70.00, Choice 80/90 lbs. 60.00-63.00. Good & Choice 50/70 lbs. feeder lambs 60.00-70.00. Slaughter sheep 18.00-24.00.

GOATS 17...Medium & Large 40.00-56.00, few Small 18.00-24.00 --- all per head.

VINTAGE SALES STABLES, INC.
has 3 opossum belly trailers that will transport your livestock anywhere at anytime.
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CHESTER COUNTY HAY SALE
Public Auction Every Wednesday, 12 Noon Sharp
Location: John Primus & Son, Buck Run Road, Coatesville, PA
215-383-6686
'89 Timothy Mulch Contracts Available

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road at Rouse Tobacco Station.
Lloyd H. Kreider Auctioneer AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

FRIDAY, AUG. 25 - 1:00 PM
ON THE FARM MONTHLY
BRED GILT SALE
Sale To Start Promptly Every 4 Weeks
Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.

22 F's due August 28 to Sept. 7
20 F2's due Sept. 7 to 20
12, 3-ways due Sept. 1 to 10
Last sale average $224

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
50 to 60 Head

We have White Diamond F2's crossbred to Chester White & some 3-way cross - York, Landrace & Duroc.
Vaccinated for Lepto, Erysipias, Rhinitis, E'Coli, Pasteuerella
Hand mated with Breeding Dates
Local Truck Available
No Hogs Sold On Commission
JOHN B. STOLTZFUS
60 Hill Rd., Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE FRI., SEPT. 22, 1:00 P.M.

CRIPPLED AND DISABLED COWS, STEERS & BULLS
Slaughter Under USDA Inspection
FREE CALL
1-800-234-COWS (2697)
215-286-9400
Wayne Taylor
Lebanon, Berks, Lancaster & Chester Counties

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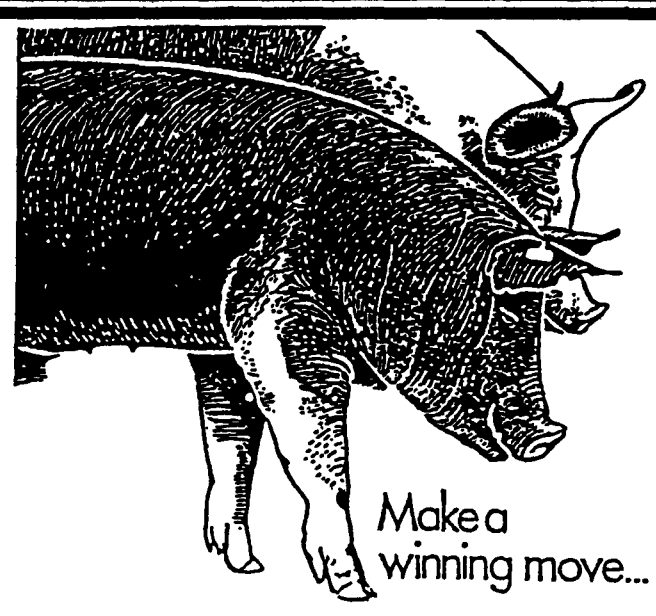
The New Way To Market Your Livestock
HATFIELD PACKING CO. Will Receive Hogs
AND
MOYER PACKING CO. Will Receive Cattle
At The
BLAIR-BEDFORD BUYING STATION
RD 1 Martinsburg, Pa
MONDAYS - Hogs 7:30 AM to 12 Noon
Cattle & Calves 7:30 AM to 4 PM
THURSDAYS - Cattle & Calves 7:30 AM to 4 PM
- No commission or yardage fees deducted from check
- Livestock weighed and paid for immediately
- You may call our office sale day for prices

DALE R. HOOVER - Owner
Business 814-793-3077
Residence 814-793-2657



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- Single source Feeder Pigs available for 1000 to 1200 head Finishing Floors
- Also accepting new and existing sow herds

We Supply
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- Sound Genetic Program
- A Service Representative To Assist You
- Competitive Contract Payment

Call Us Today
1-800-873-5300
Purina Mills, Inc.
Serving The Needs Of Agriculture

THE OLD FARMER'S ALMANAC

AUG 14-20, 1989

Cat Nights commence, Aug. 17

August 14, 1911, Irving Berlin's "Alexander's Ragtime Band" begins ragtime craze . . Aug 15, 1948, The Independent Republic of Korea is proclaimed with Seoul as its capital . . . Average length of days for the week 13 hours 50 minutes . . Aug. 18, 1587, Virginia Dare is born at Roanoke Island, N C., the first child born in America of English parents . *Once on shore we pray no more.*

Ask the Old Farmer: What can be done for stains on china cups to restore the original pure white? S. M., Neb.
Wet the stains with vinegar, then rub with salt and a cloth Use baking soda and soap powder for coffee stains

Home Hints: A too large thimble might hold tighter if you wet your finger first

OLD FARMER'S WEATHER FORECAST

New England: Showers and cool temperatures, at first. Then the week turns sunny and warm for a mid-August treat. Get out the barbecues!

Greater New York-New Jersey: Sunny and warm with just a few showers to keep you guessing. Then turning cool, with intermittent shower activity.

Middle Atlantic Coastal: Clearing and warm; showers in the east; milder; then thundershowers complete with sound effects, and turning hot.

Piedmont & Southeast Coastal: Showers and milder temperatures, overall. Clearing and hot for the end of this mid-August week; enjoy it now!

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Mercer Livestock

Mercer, PA
August 8, 1989

CATTLE 239...PDA...Compared with last Tuesday's market: Slaughte steers .50 to $1 higher; Cows $1 to $1.50 higher. Choice slaughter steers 68.85-73.00, few High Choice 73.00-74.40, Select 64.50-69.00, Standard 58.50-63.50, few Utility 53.00-56.00. Choice sl. heifers 67.00-71.00, Select 63.50-67.20, few Standard 54.00-59.00, few Utility 51.00-55.00. Breaking Utility & Commercial sl. cows 48.25-53.10, couple 55.00, Cutter & Boning Utility 46.00-50.25, Canner & Low Cutter 39.00-46.50, Shells down to 29.00. Couple Choice sl. bullock 68.10, few Standard 62.00-63.50. Yield Grade No. 1, 1200/1700 lbs. sl. bulls 58.00-65.85. Feeder Cattle: Few Medium & Large Frame No. 1, 500/750 lbs. steers 67.00-78.50. Couple Medium Frame No. 1, 780 lbs. at 62.00, few Large Frame No. 1, 650/770 lbs. heifers 70.00-76.00, one 255 lbs. 100.00.

CALVES 98...One Choice vealers 95.00, few Good 79.00-87.00, Standard and Good 90/120 lbs. 70.00-80.00, 60/85 lbs. 59.00-72.00, few Utility 45/60 lbs. 40.00-50.00. Farm Calves: Holstein Bulls 90/125 lbs. 90.00-124.00.

HOGS 134...Barrows and gilts $1 to $1.50 higher. US No. 1-2 220/265 lbs. 47.00-48.25, one lot 49.00, 1-3 220/260 lbs. 45.00-46.50, 2-3 230/265 lbs. 44.50-45.10, 2-4 250/270 lbs. 37.25-43.60. Few US No. 1-3 300/550 lbs. sows 33.00-35.00. Few Boars 23.00-25.50.

FEEDER PIGS 8...Lot US No. 1-3 40 lbs. feeder pigs 20.00 --- per head.

SHEEP 23...Few High Choice 75/100 lbs. feeder lambs 60.00-67.00; few Good & Choice 40/70 lbs. feeder lambs 45.00-60.00. Few Slaughter sheep 15.00-25.00.

GOATS 0...No Market Test.

Leesport Livestock

Leesport, PA
August 9, 1989

CATTLE 196...PDA... Supply included 13 Feeder Cattle ...Compared to last Wednesday's market: Slaughter steers grading Choice $1 to $1.75 higher; Cows $1 to $2 higher. Choice 1050/1300 lbs. sl. steers 68.50-73.50, Select & low Choice 64.50-69.50; few Choice Holsteins 64.25-67, few Select 62.00-63.25. Breaking Ut. & Commercial sl. cows 48.75-54, couple 56.00, Cutter & Bon. Utility 48.50-53.25, Canner & Low Cutter 44.75-48.75, Shells down to 41.00. Yield Grade No. 1, 925/1725 lbs. sl. bulls 57.25-62.25, couple 64.50.

CALVES 207...Few Choice 93.00-104.00, Standard & Good 70/100 lbs. 75.00-83, few 85.00, Utility 60/90 lbs. 65.00-75, few down to 50.00. Farm Calves: Holstein Bulls No. 1, 90/130 lbs. 90.00-117.00, No. 2, 85/130 lbs. 80.00-105.00, Holstein 75/135 lbs. heifers 80.00-116.00.

HOGS 437...Barrows and Gilts .25 to $1 higher. US No. 1-2 220/245 lbs. 48.25-48.75, 1-3 210/240 lbs. 47.00-48.50, 2-3 220/240 lbs. 45.00-46.75, lot 300 lbs. 41.00, few lots 1-3 190/205 lbs. 44.00-44.75. US No. 1-3 285/560 lbs. sows 32.50-36.50, few to 39.00. Boars 29.00-32.50, few Light Weights 34.00-38.00.

FEEDER PIGS 276...US No. 1-3 30/50 lbs. feeder pigs 47.00-59.00, lot 95 lbs. 50.00 --- all per hundredweight.

SHEEP 27...Good & Choice 35/65 lbs. spring slaughter lambs 65.00-82.00, one 45 lbs. 113.00. Few Slaughter sheep 13.00-27.00.

GOATS 16...Few Large 40.00-75.00, few Medium 24.00-42.00 --- all per head.

Keister's Middleburg Auction

Middleburg, PA
August 8, 1989

CATTLE 413...REPORT SUPPLIED BY THE AUCTION...High Choice & Prime slaughter steers 72.00-75.25, Choice 68.00-73.25, Select 65.00-68.00; Choice holsteins 65.00-68.75, Select 60.00-64.75, Standard 55.00-59.75. Choice sl. heifers 65.00-69.75, one 74.25, Select 63.00-64.75, Standard 55.00-62.75. Breaking Utility & Commercial sl. cows 48.00-54.50, Cutter & Boning Utility 48.00-53.25, Canner & low Cutter 45.00-48, Shells down to 40.00. Choice sl. bullocks 63.50-66.75, Select 59.00-63.00. Yield Grade No. 1, 1200/2295 lbs. sl. bulls 60.50-64.75, No. 2, 800/1200 lbs. 56.00-60.00. FEEDER CATTLE: Medium Frame No. 1, 300/750 lbs. steers 65.00-84.00. Medium Frame No. 1, 300/700 lbs. heifers 58.00-76.00.

CALVES 214...Choice vealers 99.00-102.00, Standard and Good 90/110 lbs. 85.00-90.00, 60/90 lbs. 70.00-85.00. Farm Calves: Holstein Bulls No. 1, 90/125 lbs. 95.00-130.00, Hol. Heifers 90/125 lbs. 100.00-136.00.

HOGS 254...US No. 1-2, 220/245 lbs. barrows and gilts 49.00-50.50, 1-3 222/245 lbs. 48.00-49.25, 1-3 200/230 lbs. 45.00-47.75, 2-3 190/280 lbs. 42.00-45.00.

US No. 1-3 300/650 lbs. sows 32.50-38.00, 2-3 300/600 lbs. 31.00-34.75. Boars 29.00-33.75.

FEEDER PIGS 310...US No. 1-3 20/35 lbs. feeder pigs 12.00-32.00, 35/50 lbs. 25.00-34.00, 50/75 lbs. 36.00-39.00 --- all per head; 100/175 lbs. 38.00-52.00 - Cwt.

SHEEP 85...Choice 80/120 lbs. spring slaughter lambs 60.00-78.00, few 30/40 lbs. 80.00-115.00. Slaughter ewes 16.00-34.00.

Belleville Livestock

Belleville, PA
August 9, 1989

CATTLE 104...REPORT IS SUPPLIED BY THE AUCTION...Standard slaughter heifers 55.00-68.00. Breaking Utility and Commercial sl. cows 49.85-53.85, top 55.00, Cutter and Boning Utility 48.25-50.75, Canner & low Cutter 44.75-48.00, Shells down to 41.50. Yield Grade No. 2, slaughter bulls 52.10-60.10.

CALVES 142...Standard and Good 90/120 lbs. vealers 70.00-89.00, Utility 66.00-71.00. Farm Calves: Holstein Bulls 95/115 lbs. 100.00-132.00, 85/90 lbs. 90.00-103.00.

HOGS 97...US No. 1-2 215/260 lbs. barrows and gilts 48.50-50.35, 1-3 190/325 lbs. 41.25-48.00. US No. 2-3 sows 26.00-32.50.

FEEDER PIGS 275...US No. 1-3 20/35 lbs. feeder pigs 8.00-16.50, 35/50 lbs. 20.00-27.00 --- all per head.

SHEEP 15...Good spring slaughter lambs 43.00-59.00. Slaughter sheep 15.00-21.00.

GOATS 14...28.00-83.00 --- all per head. HOLSTEIN DAIRY COWS - $550.00-$1400.00 - PER HEAD.

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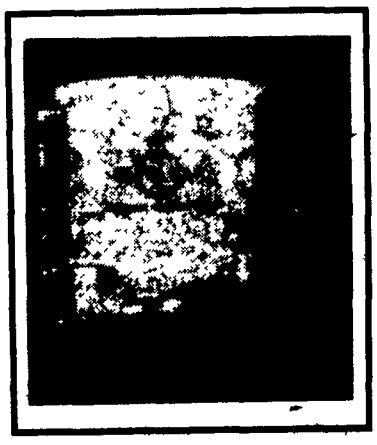

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Virginia Cattle & Hogs

Virginia Weekly

August 10, 1989

MARKETS IN REVIEW; AUGUST 3-9, 1989. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE UNEVEN $3.00 LOWER TO $1.50 HIGHER. MIDWEST FEEDER CATTLE WERE STEADY TO $1.50 LOWER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE 75 CENT TO $3.00 HIGHER WHILE MIDWEST PRICES WERE MOSTLY $2.00-4.00 HIGHER.

COWS AND BULL PRICES IN VIRGINIA HAD COWS $1.25-2.50 HIGHER AND BULL PRICES WERE $1.25-4.00 LOWER. MIDWEST PRICES WERE STEADY TO $1.00 HIGHER. BEEF PRODUCTION WAS 1% ABOVE A WEEK AGO BUT 4% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 2 POUNDS LIGHTER THAN LAST YEAR.

VEAL AND CALF PRICES IN VIRGINIA WERE STEADY TO WEAK AS THE MIDWEST MEAT PRICE WAS STEADY TO $2.00 HIGHER. VEAL AND CALF PRODUCTION WAS 5% ABOVE A WEEK AGO BUT 10% BELOW A YEAR AGO.

LAMB PRICES IN VIRGINIA WERE UNEVEN 50 CENT HIGHER TO 75 CENT LOWER AS MIDWEST PRICES WERE $1.00-3.00 LOWER. LAMB PRODUCTION WAS 5% BELOW A WEEK AGO BUT 2% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND LIGHTER THAN LAST YEAR.

SLAUGHTER HOG PRICES IN VIRGINIA WERE MIXED, 50 CENT LOWER TO $1.00 HIGHER AS MIDWEST PRICES WERE STEADY TO 25 CENT HIGHER. FRESH PORK PRICES WERE MIXED, $4.00 LOWER TO $2.00 HIGHER. PORK PRODUCTION WAS 4% ABOVE A WEEK AGO AND 2% ABOVE A YEAR AGO. AVERAGED DRESSED WEIGHTS WERE 1 POUND HEAVIER THAN LAST YEAR.

THE VIRGINIA DIRECT HOG MARKET AUG. 3-9, 1989 RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA ESTIMATED 18,309 HEAD COMPARED TO LAST WEEK 17,665 HEAD. THE MARKET CLOSED STEADY TO $1.00 HIGHER. COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS PLANTS US 1-3 200-240 LBS 44.00-47.00 --- US 1-2 210-240 LBS FEW HIGH YIELDING 45.50-49.00 US 2-4 210-240 LBS BASE PRICE 43.50-47.00 SOWS $32.00-34.80 AND BOARS $26.00-28.00.

SLAUGHTER STEERS AND HEIFERS 0%; SLAUGHTER COWS 22%; SLAUGHTER BULLS 3%; SLAUGHTER CALVES AND VEALERS 1%; FEEDER CATTLE UNDER 600 LBS 46% OVER 600 LBS 28%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE STEERS; CHOICE 2-3 1000-1150 LBS 69.00 HEIFERS; NO PRICES QUOTED THIS WEEK. UTILITY & COMMERCIAL COWS 43.00-54.50 BULLS - 1-2 900-1300 LBS 50.75-64.75 1-2 1300-1600 LBS 57.00-69.00 1-2 1600 LBS & OVER 56.00-65.00 FEW 72.00 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS NO QUOTE GOOD AND CHOICE 100-250 LBS 82.00-92.00 CALVES - GOOD AND CHOICE 250-500 LBS 75.00-80.50 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS SPRING 52.00-60.00; BUCKS 52.25 HIGH CHOICE & PRIME 95-125 LBS SHORN 58.00 SLAUGHTER HOGS US 2-4 200-250 LBS 43.00-45.75 SOWS US 1-3 300-500 LBS 25.00-36.50; 500 LBS & OVER 26.50-36.00

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 110.00-132.50 FEW 94.00 300-400 LBS. 79.00-90.00 FW 72.50 300-400 85.50-102.00 FW 117.00 400-500 72.50-88.50 400-500 87.00-102.00 500-600 71.00-84.50 500-600 80.00-95.00 600-700 67.50-79.00 600-700 75.50-88.00 700-800 64.00-75.50 700-800 69.00-80.30 800-900 64.50-70.50 800-900 64.00-75.50.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, August 8, 1989
Report supplied by auction

SLAUGHTER COWS: HIGH YIELD 50.00-52.50, UTILITY 46.00-50.00, CANNERS 44.00-48.00, SHELLY 44.00 DOWN; BULLS: 1 GOOD AT 55.00, 1 STANDARD AT 53.75; FED STEERS: 1 CHOICE BRAHMA CROSS 1400 LBS. AT 65.25, 1 CHOICE HOLSTEIN 2000 LBS. 60.25; FED HEIFERS: CHOICE 1200 LBS. UP TO 69.50, 900-1040 LBS. 65.00-70.00, SELECT 57.00-62.00.

VEAL CALVES: 1 PRIME 405 LBS. AT 112.00; CHOICE 150-300 LBS. 94.00-104.00; CULLS 85-110 LBS. 75.00-85.00, 50-80 LBS. 65.00-78.00; WEAK AND ROUGH 60.00 DOWN. HOLSTEIN BULLS 95-120 LBS. 95.00-108.00, 80-90 LBS. 85.00-100.00; HOLSTEIN HEIFERS 110.00-135.00; BEEF CROSS BULLS 85.00-94.00.

HOGS: US 1-3 210-260 LBS. 46.00-47.50; US 2-3 215-260 LBS. 43.00-46.00, 260-290 LBS. 40.00-43.50. SOWS FEW UP TO 36.50, MAINLY 32.00-34.50; HEAVY BOARS 30.00-31.00.

STOCK CATTLE: STEERS: 300 LBS. UP TO 90.00, 800-975 LBS. 73.00-76.50; 1 HOLSTEIN 750 LBS. AT 64.00; HEIFERS 300-500 LBS. 70.00-77.00, 500-700 LBS. 67.00-73.00. BULLS 200-350 LBS. 90.00-100.00, 350-500 LBS. 70.00-85.00, 500-800 LBS. 64.00-74.00; HOLSTEINS 500-800 LBS. 59.00-65.00.

LAMBS: PRIME 100-125 LBS. 65.00-70.00, CHOICE 58.00-65.00; 80-100 LBS. 66.00-76.00, 60-80 LBS. 70.00-80.00. SHEEP 20.00-30.00, YEARLINGS 35.00-47.00; GOATS LARGE 60.00-68.00, MEDIUM 35.00-55.00, SMALL FLESHY 25.00-35.00, SMALL THIN 15.00-25.00.

PIGS & SHOATS: BY THE HEAD, UNDER 20 LBS. 7.00-10.00, 20-35 LBS. 12.00-18.00, 40 60 LBS. 20.00-30.00, 60-90 LBS. 32.00-40.00; BY THE POUND 120-160 LBS. 40.00-43.00, 170-200 LBS. 37.00-41.00; STOCK BOARS 190-250 LBS. 31.00-33.00.

Four States Livestock

Hagerstown, Md.
Wednesday, Aug. 9, 1989
Report supplied by Auction

SLAUGHTER: FED STEERS: HIGH CHOICE TO PRIME 74.00-76.75, CHOICE 71.00-74.00; FED HEIFERS 1100-1300 LBS. HIGH CHOICE TO PRIME 70.00-72.50, SELECT CHOICE 65.00-70.00; COWS HIGH YIELD 50.00-53.50, UTILITY 47.00-50.00, CANNERS 45.00-48.00, SHELLY 45.00 DOWN; BULLS: YIELD GRADE 1 58.00-59.00.

VEAL CALVES: CHOICE 89.00-104.00; GOOD 78.00-88.00; STANDARD 70.00-78.00; CULLS 85-120 LBS. 78.00-88.00, 60-80 LBS. 68.00-80.00. RETURNED TO FARM CALVES: HOLSTEIN BULLS 95-120 LBS. 95.00-110.00, 85-90 LBS. 80.00-100.00; HOLSTEIN HEIFERS 100-130 LBS. 110.00-130.00; BEEF CROSS BULLS 85.00-95.00.

LAMBS: 80-120 LBS. CHOICE 60.00-64.00, GOOD 55.00-60.00; 60-80 LBS. 65.00-82.00; SHEEP 20.00-34.00; GOATS LARGE UP TO 70.00.

STOCK STEERS: 400-600 LBS. 75.00-86.00, 600-800 LBS. 70.00-80.00, 800-1000 LBS. 65.00-70.00; HOLSTEINS 700-900 LBS. 57.00-60.00; HEIFERS 300-400 LBS. UP TO 77.00, 400-600 LBS. 65.00-71.00, 600-800 LBS. 60.00-67.50; BULLS 300-400 LBS. 80.00-91.00, 600-800 LBS. 60.00-72.00, 800-1000 LBS. 52.00-60.00.

DAIRY REPLACEMNETS: SPRINGING HEIFERS UP TO 710.00; FRESH COWS, SMALL 420.00-550.00; SERVICE BULLS, 1 HEREFORD 705 LBS. AT 83.00, ONE HOLSTEIN 516.00 PER HEAD.

PIGS & SHOATS: BY THE HEAD 20-30 LBS. UP TO 16.50, 30-50 LBS. 16.00-24.00, 50-70 LBS. UP TO 28.00; BY THE POUND 195 LBS. AT 38.00; STOCK BOARS 250-300 LBS. UP TO 31.25.

SLAUGHTER HOGS: US 1-3 215-245 LBS. 46.50-47.50, 245-260 LBS. 45.00-46.50; SOWS: 300-500 LBS. 32.00-34.50, 500-700 LBS. 33.00-35.50; HEAVY BOARS UP TO 31.00.

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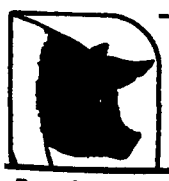

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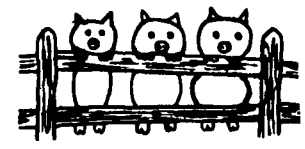

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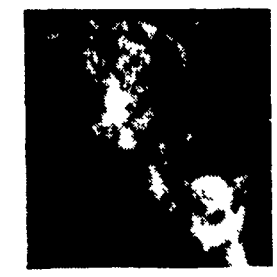

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Lancaster Farming

OPINION

You'll Not Often See This Much Ag

Ag Progress Days happen next week. And our special issue this week contains many previews of what has been billed as Pennsylvania's largest outdoor agriculture exhibition. More than 50,000 visitors are expected to attend Penn State University's Rock Springs Ag Research Center location. Under the theme: "Improving Your Life Through Education," the event will celebrate the 75th anniversary of cooperative extension in the U.S.

Nearly 300 commercial exhibitors will show and demonstrate approximately $20 million worth of ag equipment. And the three-day event also features tours of the research farm and exhibits and presentations by PSU faculty on water quality, food safety, radon, dairy health and child care.

The state hay show will be held and the Dairy of Distinction fatemal gathering will also be part of the activities.

Many farmers go to Ag Progress Days to see the machinery in action beside all the competing machines. Hay making and corn harvesting are amoung the many features that draw the competing colors togethers. In fact, since you'll not often see this much agriculture in one place, you'll want to plan to attend. And if you do, you'll likely learn something. And that will improve your life.

See you there!

Farm Calendar

Saturday, August 12

Southcentral Pennsylvania Holstein Championship Show, Shippensburg fairgrounds, 9:00 a.m.

Tioga County Holstein Show, Tioga County fairgrounds, Whitneyville, 9:00 a.m.

Chester County 4-H Swine Sale, New Holland Sales Stable, New Holland, 9:00 a.m.

Chester County 4-H Roundup/ Annual Recognition Program, Springton Manor Farm, 9:00 a.m. to 3:00 p.m.

Old Fiddler's Picnic, Hibernia Park, Coatesville, 10:00 a.m. to 8:00 p.m.; rain date August 13.

Bradford County Junior Holstein Club Blueberry Festival, Splendor Rich Farm, Gillett, 7:30 p.m.

Howard County Fair, Howard County fairgrounds, West Friendship, Md.; runs through August 19.

Sunday, August 13

Huntingdon County Fair, Huntingdon; runs through August 19.

McKean County Fair, Smethport; runs through August 20.

Washington County Agricultural Fair, Washington; runs through August 19.

Monday, August 14

Bradford County 4-H Roundup, Troy Fairgrounds, 9:00 a.m.

York County 4-H Pig Roundup Sale, Wikert's Livestock Buying Station, Thomasville, 7:00 p.m.

Kutztown Fair; Kutztown fairgrounds; runs through August 19.

Bullskin Township Community Fair, Mt. Pleasant; runs through August 19.

Dayton Fair, Dayton, Pa.; runs through August 19.

Mountour-DeLong Community Fair, Washingtonville; runs through August 19.

Sewickley Township Community Fair, W. Newton; runs through August 19.

Tuesday, August 15

Bradford County Forest Landowners Association forestry tour, meet at Colonial Plaza, 6:45 a.m.

Huntingdon County Holstein Show, Huntingdon County fairgrounds, 9:00 a.m.

Bradford County 4-H Horse Show, Troy fairgrounds, 9:00 a.m.

Bradford County 4-H Dairy Show, Troy Fairgrounds, 9:30 a.m.

Cumerland County 4-H Swine Roundup & Sale, Carlisle Livestock Market, Carlisle, show at 9:30 a.m., sale at 5:30 p.m.

Lancaster County Working Sheep Dog Demonstration, Greystone Manor Stables, Leola, 7:30 p.m.

Ag Progress Days, State College; runs through August 17.

Lawrence County Farm Show, New Castle; runs through August 19.

(Turn to Page A36)

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Apply Lime When Seeding Small Grains

Preparation is being made for fall wheat and barley seeding. This is an excellent time to apply lime. A soil test will indicate how much per acre, if needed. This is doubly important if you plan to seed a grass-legume mixture next spring.

Many times a clover or alfalfa producer will wait until spring to have lime applied to his field. This is not the best way to obtain a good stand. Lime needs up to six months to react to the soil and correct the acidity.

If soil needs lime, it should be worked into the topsoil when the small grain seedbed is being prepared. Legume seedings are costly; be sure the soil is between 6.8 to 7.0 pH so they have a good chance to survive.

To Be Aware of Bacterial Wilt

A frequent comment this time of year is, "Scattered plants of squash and other vine crops have wilt symptoms. The wilting starts on one shoot. Symptoms seem to spread to the rest of the plant." According to Bruce Hellerick, Extension Horticultural Agent, this is the way bacterial wilt begins to appear.

In fact, the most perceptive observers will see the wilting symptoms appear first on an individual leaf on a plant. This leaf frequently will have holes where cucumber beetles were feeding. Presence of both wilting and beetles chewing injury is not a coincidence.

The bacteria that causes the plant to wilt, survives over the winter in hibernating cucumber beetles. Then when these beetles feed on vine crops, they can leave bacteria on the leaves. Then infection of the plant by the bacteria can occur through the beetle chewing injury. Once the bacteria are in the plant, it is too late to stop disease development.

Control depends on prevention; kill or prevent cucumber beetles from feeding on vine crops. Sevin, Diazinon, malathion, and methoxychlor are labeled. Read the label and follow all instructions.

To Apply For Gasoline Tax Refund

I would like to remind our farmers that application for the Pennsylvania Liquid Fuel Tax Refund should be filed before September 30.

Farmers may apply for a 12 cent per gallon refund on all liquid fuels used in non-licensed tractors when used off the highway for agricultural purposes, or non-licensed power farm machinery used for actual farm work. This includes fuel used in all auxiliary engines on balers, elevators and other stationary equipment.

The liquid fuel tax is for all farm production fuel used between July 1, 1988 and June 30, 1989. This includes gasoline and diesel fuel.

The people who have not already received applications should apply by writing: Board of Finance and Revenue, Room 409 Finance Building, Harrisburg, PA 17120 or by calling 717-787-3365.

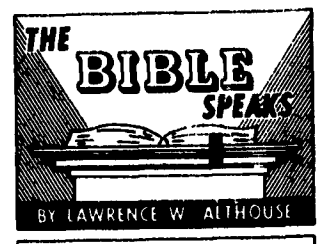
To Consider Cow Culling

Before long it will be weaning time for most Pennsylvania beef cow/calf operators and now is the time to be thinking ahead towards the task of culling cows from the herd, according to Chester Hughes, Extension Livestock Agent. Consider cow culling as a system of "The Three O's."

The O's stand for old, open and ornery. There is no question that old cows -- even though they are nursing a calf this season -- need to be culled at weaning time.

There is no question that culling open cows is a paying proposition. When calves are weaned, cows should be pregnancy diagnosed by a veterinarian or technician. In most well-managed herds there will be about five percent of cows open.

The last O is for ornery. Those cows, and nearly everybody has one or two of them with bad temperaments, need to be culled. They are the old sisters that keep the entire herd nervous and make cattle handling difficult. They are easy to spot and you know who they are!



THE TIES THAT BIND

August 13, 1989

Background Scripture: Ruth 1.

Devotional Reading: Matthew 9:18-26.

The Book of Ruth is one of the most remarkable books in the Old Testament, indeed the Bible. It was written probably in a time after the Babylonian exile, when Israel's leaders were commanding the people to avoid all bonds with foreigners, particularly mixed marriages.

So it comes as a refreshing antidote to that racial exclusivity. For Ruth was a woman of Moab and the Moabites not only were foreigners, but often regarded as Israel's bitter enemies. Nevertheless, despite centuries of enmity between these two peoples, in a time of famine in Judah, Elimelech and his wife, Naomi, go to the land of Moab to live for the duration of the emergency. This, in itself must have been unsettling to some of this book's first readers.

THE UNTHINKABLE

To make things worse, Elimelech's sons, Mahlon and Chilion, did the unthinkable, taking Moabite wives, Orpah and Ruth. This was the very thing that had so exercised Ezra, who decreed that the 113 Jews who had married foreign women should be divorced from them and even separate themselves from the children of these unions. (Ezra 9.)

Bereft of her husband and her two sons, the distraught Naomi, hearing that conditions in Bethlehem had improved, decides to return to Bethlehem and releases her two daughters-in-law from any sense of obligation to her, telling them to remain in Moab.

Naomi's argument is interesting. It would appear that she finds it difficult to think that these two women were devoted to her. "Why will you go with me," she asks. "Have I yet sons in my womb that they may become your husbands?" (Ruth 1:11). Finally, she persuades Orpah to return, but Ruth is determined to go with her: "Entreat me not to leave you or return from following you: for where you go I will go, and where you lodge I will lodge; your people shall be my people and your God my God" (1:16). This is an act of love and devotion that would have been exemplary for a Jewish woman. But Ruth is a foreigner!

CALL ME "BITTER"

Having lost her husband and two sons, it is understandable that she should think that "the hand of the Lord has gone against me" (1:13). And when she arrives in Bethlehem with Ruth, she says to her fellow townspeople, "Do not call me Naomi, call me Mara ("bitter") for the Almighty has dealt very bitterly with me. I went away full, and the Lord has brought me back empty. Why call me Naomi, when the Lord has afflicted me and the Almighty has brought calamity upon me?" (1:20,21).

Naomi, of course, is not entirely accurate. She did not leave Bethlehem "full," as she says, but in fact had been destitute. And, in fact, neither was she returning "empty." Although she has lost her husband and two sons, she has an asset that will prove to be of vital importance to her: a devoted daughter-in-law who loves her and will not forsake her.

Of course, Ruth is "only a foreigner," but she is also a loving, devoted person and her bond with Naomi quite transcends the normal limitations of formal relationships. Much deeper than obligation or custom, there is a loving tie that binds the two women together, a tie that is not dependent upon race, creed or color.

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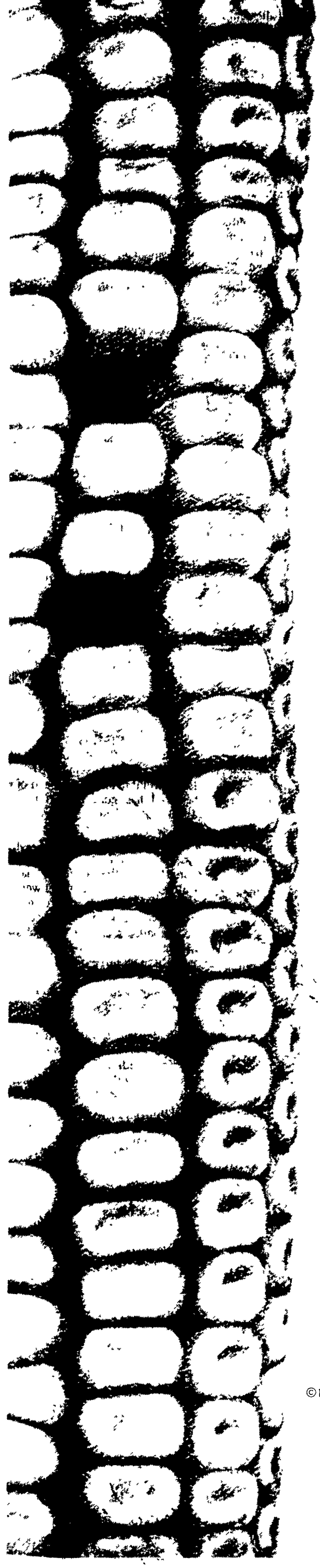

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Accident, Md. 21520
August 7, 1989

STOCK BULLS & STEERS (200 TO 400 LBS.) 80.00-105.00.

STOCK HEIFERS: 70.00-82.50.

SLAUGHTER STEERS: GOOD TO CHOICE 66.00-72.10; MEDIUM TO GOOD 62.00-65.50.

HOLSTEIN STEERS: HEAVY 56.00-64.00; LIGHT 55.00-62.00.

SLAUGHTER HEIFERS: GOOD TO CHOICE 63.00-69.75; MEDIUM TO GOOD 55.00-62.50.

BULLS: HEAVY 59.00-65.50; LIGHT 55.00-62.50.

COWS: FEW HIGH DRESSING 56.00; UTILITY HOLSTEIN 47.00-54.00; CANNERS 42.00-49.00; COMMERCIAL TO GOOD 43.00-46.50; CULL COWS 42.50 & DOWN.

VEALS: GOOD TO CHOICE 85.00-100.00, MEDIUM TO GOOD 65.00-82.50.

BOB CALVES: 40.00-70.00.

HOLSTEIN BULL CALVES: RETURN TO FARM 100-120 LB. 90.00-117.00.

HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB. 85.00-100.00.

HOGS: TOP QUALITY 46.75-48.75; HEAVY 47.00-47.50; LIGHT 38.00-44.00.

SOWS: 29.00-35.00.

MALE HOGS: 27.00-32.00.

LAMBS: 55.00-61.00; FEEDER LAMBS: 50.00-62.00.

SHEEP: 18.00-26.50.

EGGS: (PER DOZEN) LARGE .75-.79; MEDIUM, .57-.66 DOZ.; SMALL .50-.54 DOZ.

Shenandoah Valley Livestock

Harrisonburg, Va.
Aug. 5, 1989
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 95.00-100.00; 500-700 LBS. 85.00-95.00; 700-1000 LBS. 75.50; HOLSTEIN 300-1000 LBS. 75.00 & DOWN.

FEEDER BULLS: M&L-1 700-800 LBS. 65.00-71.50.

HEIFERS: M&L-1 300-500 LBS. 78.00-84.00; 500-700 LBS. 74.00-77.25; 700-1000 LBS. 65.00-74.50.

STOCK COWS: BEEF: 75.00 & DOWN. BABY CALVES: BY HEAD 114.00; BY POUND 103.00.

SLAUGHTER COWS, UTILITY AND COMMERCIAL 2-4 48.00-51.25; CANNER AND CUTTERS 1-3 35.00-45.00.

SLAUGHTER BULLS 1 & 2 53.25-62.00

LAMBS: BLUE O HIGH CHOICE AND PRIME 58.00; RED O CHOICE 53.50; FEEDER LAMBS CHOICE 54.25-60.00; SLAUGHTER EWES 18.00 & DOWN; HEAD EWES 53.00 & DOWN.

HOGS: US 1-3 200-240 LBS. NOT ENOUGH TO QUOTE.

VEALS: CHOICE & PRIME 85.00-100.00.

Frederick Livestock Auction

Frederick, Md.
Monday, July 24, 1989
Report Supplied by Auction

BUTCHER COWS: STEADY TO $1.00 HIGHER. HIGH YIELDING 49.00-50.00, STANDARD & UTILITY 46.00-49.00, CANNERS 44.00-47.00, SHELLY 44.00 DOWN; BULLS YIELD GRADE #1 59.00-60.00, YIELD GRADE #2 54.00; STEERS 1 SELECT AT 64.00; HEIFERS COMMERCIAL 48.25

BUTCHER HOGS: US 1-3 215-250 LBS. TO 47.25, 1 LOT 286 LBS. 44.50, 280-300 LBS. 37.00-38.00; 2&3 45.00-46.00; SOWS 300-650 LBS. 32.50-34.25, THIN SOWS 28.00-31.50; HEAVY BOARS TO 30.75.

VEAL CALVES: MAINLY LIGHT WEIGHTS. 1 CHOICE 300 LBS. AT 85.00, FEW GOOD 125-150 LBS. 75.00-82.00, 85-115 LBS. 74.00-82.00; CULL CLAVES 50-80 LBS. 68.00-76.00; WEAK & ROUGH 60.00 DOWN.

RETURN TO FARM CALVES: HOLSTEIN HEIFERS 95-120 LBS. 115.00-126.00; HOLSTEIN BULLS 80-90 LBS. 80.00-95.00, 95-120 LBS. 95.00-115.00; BEEF CROSS BULLS 75-100 LBS. 80.00-92.00.

LAMBS: GOOD AND CHOICE 60-80 LBS. 60.00-65.00, SHEEP 17.00-33.00; YEARLINGS TO 48.00.

STOCK CATTLE: FEW OFFERED. STEERS: FEW HOLSTEIN CROSS 300-400 LBS. 75.00-89.00, HOLSTEIN 850 LBS. 53.00; BULLS HOLSTEIN 300 LBS. 85.00; DAIRY COWS A FRESH AT 810.00.

GOATS: FLESHY KIDS 25.00-33.00.

PIGS & SHOATS: 40 HEAD. BY THE HEAD, 20-30 LBS. 17.00-21.00, 40-50 LBS. 19.00-26.50; ST BOARS 210-255 LBS. 31.00-33.00.

Morrisons Cove Livestock

Martinsburg, Pa.
Monday, August 7, 1989
Report supplied by auction

CATTLE: 169 STEERS: HIGH CHOICE & PRIME 65.50-70.10; CHOICE 62.00-65.00; GOOD 57.50-61.50; STANDARD 52.00-56.50.

HEIFERS: CHOICE 62.00-66.50; GOOD 56.00-61.50.

COWS: UTILITY & COMMERCIAL 50.25-52.75; CUTTERS 47.50-49.25; CANNER & LOW CUTTER 37.50-46.25.

BULLOCKS: GOOD & CHOICE 61.50-64.75.

BULLS: YIELD GRADE NO. 1 57.50-62.75.

FEEDER CATTLE: STEERS GOOD 68.50-94.50; STANDARD 59.00-67.00; BULLS GOOD 66.50-91.50; STANDARD 56.00-65.50; HEIFERS GOOD 65.00-82.50; STANDARD 54.00-63.00.

CALVES: 325. PRIME 101.00-108.50; CHOICE 92.50-98.50; GOOD 88.50-93.00; STANDARD & GOOD 78.00-84.50, 90-110 LBS. 74.50-90.00, 65-90 LBS. 66.00-82.50; HOLSTEIN BULLS 90-130 LBS. 100.00-128.50; HOLSTEIN HEIFERS 90-130 LBS. 94.00-126.00.

HOGS: 98. US#1-2 46.00-47.50; US #1-3 45.00-45.75.

SOWS: US#1-3 30.00-38.50.

BOARS: 29.00-33.50.

FEEDER PIGS: 67. US#1-3 20-35 LBS. 11.00-18.50 PER HEAD; 1-3 35-50 LBS. 21.00-30.00 PER HEAD.

SHEEP: 33. SLAUGHTER LAMBS CHOICE 64.00-68.50; GOOD 60.00-63.50; SLAUGHTER EWES 18.00-28.50.

GOATS: 34.00-56.00 PER HD.

4 LOADS OF TIMOTHY HAY, 57.00-61.00 PER TON.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Aug. 8, 1989
Report supplied by auction

CALVES .20-1.22.
COWS .35¼ -.53¼.
EASY COWS .25-.47½.
HEIFERS .40¼ -.57½.
BULLS .48-.68.
STEERS .47¼ -.70¼.
HOGS .33-.45.
SOWS .22-.30.
ROASTING PIGS EACH 22.00-28.00.
BOARS .27¼ -.28.
SHEEP 15.00-53.00.
LAMBS EACH 10.00-50.00.
LAMBS PER LB. .45-.89.
GOATS EACH 37.00-89.00.
KIDS EACH 13.00-52.00.
TOTAL: 1,406.

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Philadelphia Vegetables

August 10, 1989

CLOUDY 63-79.

ARTICHOKES SUPPLIES LIGHT CA ctn 60s ord cond 4.00-5.00.

ASPARAGUS SLIGHTLY LOWER MEXICO 12-lb ctn & crt bchd 12s exlge 25.00 lge 21.00-22.00 std 20.00-23.00 fair cond loas 15.00 sml 22.00 12-lb ctn lse lge, std & sml 18.00-20.00.

BEANS LOWER various bu containers Round Green type unless otherwise stated NJ fair qual 12.00-14.00 PA 13.00-15.00 few 16.00 fair qual 12.00 fair qual & cond 8.00-10.00 mos 10.00 CA Fava type 20.00 CANADA fair qual 10.00-12.00.

BEANS-LIMA SUPPLIES INSUFFICIENT TO QUOTE.

BEETS NJ crt bchd 12s 6.00 bubkt topped 14.00 OH crt bchd 12s 6.00-7.00.

BROCCOLI SLIGHTLY LOWER CA ctn bchd 14s 8-8.50 mos 8.00 one lot 10.00 ME ctn bchd 14s 7.50 18s 7.50-8.00 mos 8.00 MEXICO ctn bchd 14s fair cond 6.00.

BRUSSEL SPROUTS SUPPLIES LIGHT CA 25-lb ctn few 18.00.

CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated NJ 5.00-6.00 mos 5- 5.50 one label 6.50 NY 6-6.50 PA incl lge 5.00-6.00 mos 5.00 WI Red 7.00 CANADA 16s 6-6.50 Savoy type 16s 8.00 Red 8.00 50-lb sacks large NY & WI fair qual 5.00 MI 10.00.

CARROTS 48-1 LB FILM BAGS LOWER, OTHERS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 10.00-11.00 mos 10.00 few 13.00 WA med 10.00 24-2 lb film bags 8.00-10.00 MI med 11.00 sacks loose jumbo CA 50-lb 8.00-9.00 mos 8.00 MI 50-lb 9.00 WA 25-lb 5.00 ctn bchd 24s CA 10.50-11.50 miniature type OH ctn 20-12 oz film bags 7.00.

CAULIFLOWER SLIGHTLY HIGHER CA ctn film overwrpd 12s 12.00 fair cond 7.00.

CELERY ABOUT STEADY CA ctns 2 doz 12.00-13.00 2-1/2 doz 12.00-13.50 Hearts film wrpd 18s 8.00 OH ctn fair qual 2-2-1/2 doz 10.00 3 doz 8.00 MI ctn 2-2-1/2 doz 11.00 film wrpd 2 & 2-1/2 doz 13.00.

CHINESE CABBAGE ABOUT STEADY OH 1-1/9 bucrt 9.00-10.00 mos 10.00 Nappa 9.00-10.00.

CORN ABOUT STEADY wirebound crt approximately 4-1/2 doz unless otherwise stated NJ Yellow 7.00-8.00 mos 7.00 few 9.00 White 7.50-8.50 mos 8.00 few 9.00 NY White 9.00.

CUCUMBERS ABOUT STEADY 1-1/9 buctns & crts waxed medium unless otherwise stated NY 9.00-10.00 fair qual 5.00 lge 4.00 NJ 9.00 fair qual 7.00-8.00 PA 10.00-12.00 fair qual 6.00 FL ctn Long Seedless type film overwrapped 12s 7.00-8.00 (CORREC- TION FOR YESTERDAY'S REPORT: FL DELETE FAIR QUALITY).

DAIKON STEADY CA 40-lb crt 12.00.

EGGPLANT ABOUT STEADY NJ 1-1/9 buctn & crt med 6.00-7.00 few 8.00 fair qual 4.00-5.00 NC 1-1/9 buctn med wrpd fair qual 5.00.

ENDIVE ABOUT STEADY OH & NY 1-1/9 buctn 7.00.

ESCAROLE ABOUT STEADY OH 1-1/9 buctn 7.00-8.00 NY 1-1/9 buctn 7.00.

GARLIC per lb CA 30-lb ctn White Colossal 1.00 super jbo .90 jbo .80.

GREENS ABOUT STEADY crt approximately 1-1/2 bu bchd unless otherwise stated NJ Collards fair qual & cond 7.00 Turnip Tops 7.00 Kale 6.50-7.00 OH Collards 8.50 Mustard & Turnip Tops 7.50 Kale 7.00 PA Collards fair qual & cond 6.00 Kale few 6.50.

LEEKS STEADY NJ crt bchd 12s 10.00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated CA 11.00-13.00 mos 12.00 fair qual or cond loas 9.00 film wrpd 11.00-13.00 few 14.00 30s 10.00-11.00 NY 7.00-8.00 CANADA ctn 18s 6.50-7.00 ROMAINE ABOUT STEADY CA ctn 24s 10.00-11.00 mos 10.00 OH ctn 24s 6.00-7.00 NY ctn 24s 7.00-8.00 BIG BOSTON CA ctn 24s 7.00-8.00 mos 8.00 OH ctn 24s 6.00 NY ctn 24s 7.00 BIBB OH 12-qt bkt 5.00-6.00 mos 5.00 LEAF CA ctn 24s 9.00-11.00 Red 9.00 OH ctn 24s incl Red 6.00-7.00 NY ctn 24s incl Red 8.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.50 lge 10.50 exlge 11.50-11.75 packages 10-12 oz 9-9.50 mos 9.00 3-lb ctn Shiitake 18.00 fair qual 12.00-13.00 mos 12.00.

OKRA TOO FEW SALES TO QUOTE.

ONIONS-GREEN ABOUT STEADY ctn bchd 48s NJ 9.00-10.00 OH 7.00 CA 8-8.50 MEXICO 5.00-6.00 mos 6.00.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated OH crt 11.00-12.00 mos 12.00 Plain 12.00-15.00.

PEAS-GREEN CA bucrt 20.00.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SUGAR ABOUT STEADY 10-lb ctn per lb CA incl fair qual .90-1.00 GUATEMALA 1.30.

PEPPERS ABOUT STEADY 1-1/9 bucrts & ctns Calif Wonder type unless otherwise stated NJ exlge 10.00 fair qual or cond 7.00-8.00 lge 7.00-9.00 mos 8.00 fair qual 6-6.50 med 6.00-8.00 mos 6.00-7.00 fair qual loas 5.00 sml 4.00-5.00 Mixed Red med 4.00-5.00 Cubanelle Mixed Red med to med-lge 4.00 1/2 buctn Lonhots 8.00 PA exlge fair qual 8.--9.00 lge 7.00-8.00 mos 8.00 med fair qual 5.00-6.00 sml fair qual 4.00-5.00 GA Mixed Red med fair cond 2.50-3.00 CA 15-lb ctn Red lge 14.00 mos 12.00 90s 13.00 100s 12.00-13.00.

RADISHES ABOUT STEADY OH ctn Red 30-6 oz film bags 3-3.50 14-1 lb film bags 3.75 White 24-8 oz film bags 6.00 CA ctn Red bchd 24s 7.00.

RUTABAGAS NO SALES REPORTED.

SPINACH ABOUT STEADY CA ctn bchd 24s Flat type 15.00 ME 1-1/4 bucrt Savoy type 10.00.

SQUASH YELLOW STRAIGHTNECK LOWER, ZUCCHINI ABOUT STEADY NJ 1/2 buctn Zucchini sml-med 6.00-8.00 mos 7.00 some 5.00 Yellow Straight- neck sml-med 4.00-6.00 med 3.00-5.00 mos 4.00 PA 1/2 buctn Yellow Straight- neck sml-med 4.00-5.00 med 3.00-4.00 MEXICO 1/2 buctn Zucchini sml-med fair cond 5.00-6.00.

SWEET POTATOES ABOUT STEADY NC 40-lb ctn US#1 Jewel type 22.00-23.00 fair qual 10.00-12.00.

Philly Potato & Onion

August 10, 1989

CLOUDY 63-79.

ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good quality and condition Yellow new crop unless otherwise stated CA Grano type jumbo 11.50-12.00 Repacker size 10.00-11.00 TX Grano type jumbo 11.00-12.00 mostly 11.00 fair condition 10.00 White jumbo 16.00-17.00 ordinary condi- tion 10.00 NM Grano type jumbo 11.00 fair condition 10.00 White jumbo 16.00-17.00 ordinary condition 10.00 CO jumbo 12.00 NY Globe type med 10.00 few 11.00 Red 25-lb sacks medium-large 13.00-14.00.

POTATOES ROUND WHITES LOWER, OTHERS ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites DE 650-700 mostly 700 fair appearance 600 large 900-10.00 mostly 10.00 few 10.50-11.00 NJ 650 one label 8-850 large 10.00 MD fair quality 6-650 Round Reds AL 15.00 size B 20.00 WI 13.00 size B 16.00 MN 14.00 size B 16.00-17.00 Long Whites CA 50-lb carton 14.00-17.00 Russets 50-lb carton count unless otherwise stated ID Old Crop 70-80s 17.00-18.00 mostly 18.00 90s 16.00-17.00 100s 15.00 baled 10-5 lb film bags non size A 13.50-15.00 CA Norkotah 70s 12.00 80s 11.00-12.00 mostly 12.00 90s 13.00 100s 12.00-13.00.

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HB6917 – (89 days) excellent standability

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HB6938 – (96 days) good corn borer tolerance

HB6958 – (102 days) excellent stalk strength

HB6923 – (107 days) high fertility king

HB6969 – (118 days) good Fall health

HB6992 – (122 days) takes stress well

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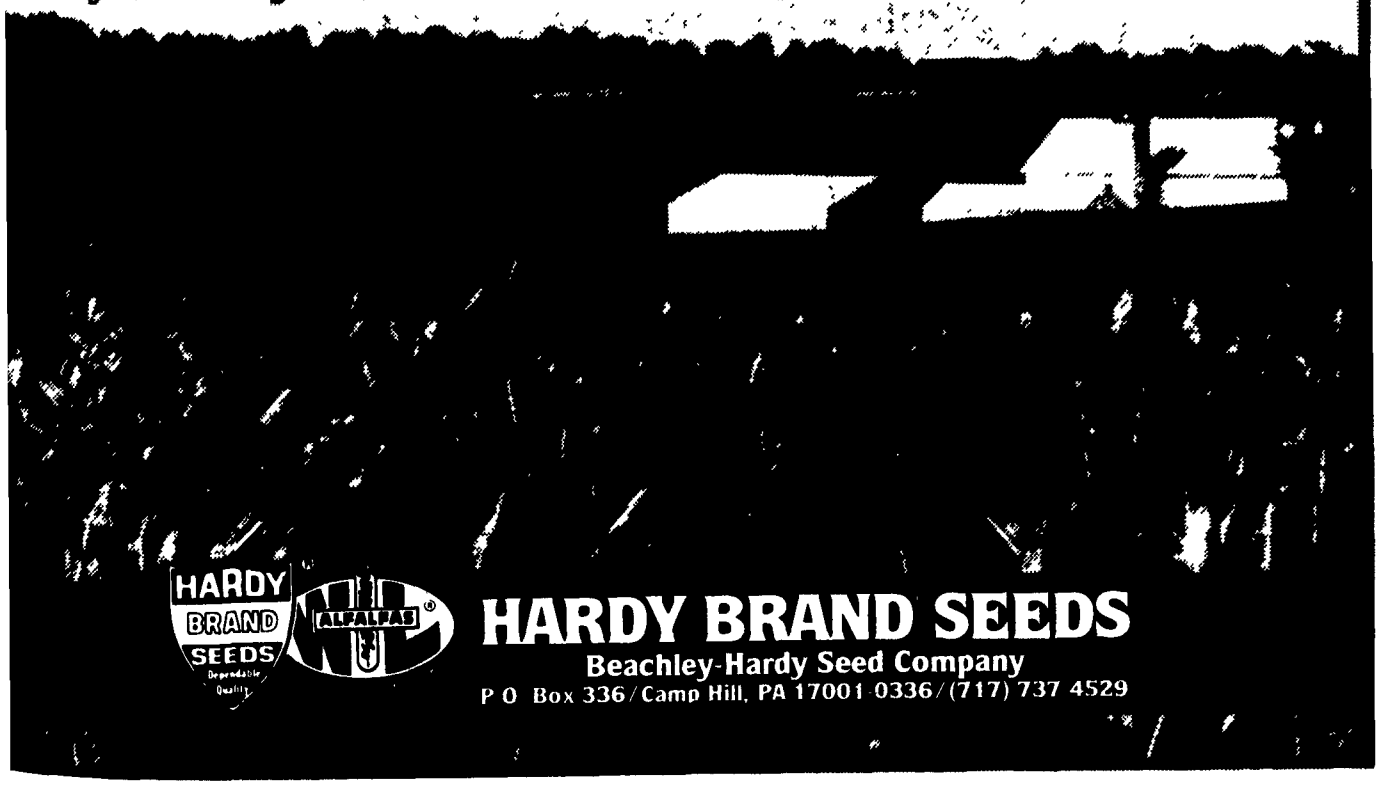
"After seven years, Hardy's still better than anything we've tried." – Hess Brothers, Bangor, PA
"Hardy yields out as well or better than Pioneer." – Kevin Potter, Wyalusing, PA
"Hardy shells out great and has a better stalk." – Roy Hoffman, Richfield, PA



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V.C. Miles
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Oklahoma City Feed Cattle Weekly

August 9, 1989

COMPARED WITH LAST WEEK'S CLOSE--FEEDER STEERS OVER 650 LB. $1.00-$2.00 HIGHER; HEIFERS OVER 600 LB. AVERAGING STEADY. STOCKER STEERS AND HEIFERS $2.00-$3.00 HIGHER, CALVES STEADY. TRADE ACTIVE FOR ALL CLASSES, DEMAND VERY GOOD FOR FIRST NON-WEATHER RELATED LIGHT SUPPLY OF THE YEAR. FEEDLOTS REMAIN AGGRESSIVE AND IN NEED OF FEEDER CATTLE. STOCKERS AND CALVES ALSO IN A STRONG POSITION AS CONTINUED RAINS THRUOUT THE SUMMER MONTHS HAS LEFT PASTURES IN SUPERB GRAZING CONDITION. FARMERS ALREADY THINKING IN TERMS OF GOOD WHEAT PASTURE PROSPECTS. SLAUGHTER COWS CLOSED THE WEEK $2.00-$3.00 HIGHER UNDER OUTSTANDING DEMAND. SLAUGHTER BULLS $1.00 HIGHER. RECEIPTS THIS WEEK 6,800; LAST WEEK 10,177; LAST YEAR 11,549. RUN INCLUDED 75% YEARLINGS, 19% CALVES & STOCKERS, 6% COWS AND BULLS.

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 400-500 LB. $98.00-$112.25; 500-600 LB. $90.50-$100.25; 600-650 LB. $89.00-$94.50; 650-700 LB. $85.50-$90.25; 700-800 LB. $85.00-$88.70; 800-850 LB. $83.50-$86.95; 900-975 LB. $78.75-$80.50. LARGE FRAME 2 HOLSTEINS, 350-400 LB. $90.00-$94.00; 500-575 LB. $80.00-$87.25; 650-700 LB. $76.
00-$78.00; 775-850 LB. $74.25-$75.50; 900-950 LB. $67.75-$69.25, LOT 920 LB. $73.00.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 350-400 LB. $94.50-$98.00; 400-500 LB. $86.25-$93.50; 500-600 LB. $85.00-$91.00; 600-700 LB. $82.00-$85.75; 700-775 LB. $80.25-$84.75.

SLAUGHTER COWS: CLOSING LEVELS--UTILITY AND COMMERCIAL Y.G. 1-5 $50.00- $52.75, HI DRESSING $52.25-$57.75. CUTTER Y.G. 1-2 $49.25-$52.75, HI DRESSING $53.50-$56.75. LO DRESSING CUTTER AND UTILITY $46.00-$49.25.

SLAUGHTER BULLS: Y.G. 1, 1400-2000 LB. AVERAGE YIELDING $64.00-$66.00, HIGH DRESSING $66.00-$68.00. Y.G. 1-2, LO DRESSING OR THIN OR FLESHY 1500-2000 LB. $61.00-$64.25.

Carlisle Livestock Market

Carlisle, Pa.

Tuesday, August 8, 1989

CATTLE: SLAUGHTER STEERS ACTIVE. SELECT-LOW CHOICE 69.00-72.00; MEDIUM 63.00-67.00.

SLAUGHTER HOLSTEINS: SELECT 60.00-65.75; MEDIUM TO 59.00.

SLAUGHTER HEIFERS: FIRM TO 1.00 HIGHER; CHOICE 68.00-71.85; SELECT 65.50-67.25.

COWS: ACTIVE! FIRM TO 1.00 HIGHER. BREAKING UTILITY AND COMMERCIAL 49.00-53.85; CUTTER AND BONING UTILITY 47.00-51.00; CANNER AND LOW CUTTER 44.00-49.00; BIG MIDDLE 43.00-47.00; SHELLY 43.00 & DOWN.

SLAUGHTER FAT BULLS: YG#1&2 55.00-62.75.

FEEDER CATTLE: GOOD DEMAND! FEEDER STEERS UNDER 400 LBS. CHOICE 91.00-102.00; MEDIUM TO GOOD 80.00-90.00.

FEEDER STEERS: 675-1000 LBS. MOSTLY HOLSTEINS OFFERED MEDIUM-GOOD 62.00-75.00.

FEEDER HEIFERS: ALL WEIGHTS, GOOD 75.00-84.00; MEDIUM HOLSTEINS 49.00-55.50.

VEAL CALVES: MOSTLY STEADY CHOICE 90.00-100.00; GOOD 82.00-89.00; STANDARD 75.00-81.00; LIGHT/WEAK 74.00 AND DOWN.

FARM BULLS: 95.00-124.00; FARM HEIFERS TO 138.00.

HOGS: BARROWS AND GILTS MOSTLY STEADY. US#1-3 210-260 LBS. 46.75-47.50; 2 AND 4 (ALL WEIGHTS) 41.00-46.00.

SOWS: ACTIVE OVER 450 LBS. 33.00-34.50; UNDER 450 LBS. 33.00-35.00; 2 AND 4, ALL WEIGHTS, 30.00-32.75.

BOARS: 29.50-31.75.

FEEDER PIGS: BY THE HEAD, US1-3 25-50 LBS. 10.00-24.00.

LAMBS: MEDIUM-GOOD ALL WEIGHTS 53.00-59.00; EWES 15.00-30.00.

GOATS: BY THE HD. LG. 62.50-77.50; SMALL, MEDIUM 26.00-52.50.

SALE EVERY TUES. EVE 5:30 P.M. RABBITS, POULTRY AND EGGS; 7 P.M. LIVESTOCK.

St. Louis Cattle, Hogs

August 10, 1989

CATTLE AND CALVES: 425 (05 SLTR, 400 FDRS)

SUPPLY CONSISTS OF FEEDER CATTLE AND COWS FOR REGULAR THURSDAY AUCTION. SLAUGHTER MARKET NOT TESTED. COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 NO SALES

BONING 1-2

LOW TO AVG CUTTER

BULLS: YG 1-2 NO TEST

RECEIPTS THIS WEEK 1,600: WEEK AGO 1,500: YEAR AGO 1,600

FOR THE WEEK, SLAUGHTER STEERS AND HEIFERS MOSTLY 1.50 HIGHER. COWS FULLY 1.00, INSTANCES 2.00 HIGHER ON HIGH-YIELDING CUTTER AND BONING UTILITY. BULLS FULLY STEADY. SLAUGHTER SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

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ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:
JD 2040 Diesel.....$6,950
Cab, Hiniker, model 1300 for 2630 Tractor, nice.....$975
AC 7000 Tractor w/Power Shift, Cab & Air.....$8,750
JD 4030 Sound Guard, QR, Sharp.....$16,950
(New) JD 4250, Mechanical Front Wheel Drive w/Power Shift
Farmall H.....$950
JD 7020 Articular Tractor w/Duals, PTO, Cab, Air, 3 Pt. Triple Outlet.....$15,900
JD 4010 Turbo, WF, Sharp.....$6,850
JD 4020 Side Co SOLD

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 324 2 Row Wide 12 Row 327 bed.....$3,950
NI 818 combine, sharp
#244 Corn Head
NI 2 row narrow w/shelter, A1.....$3,950
JD #243 2 Row 30" Snapper Head.....$2,350
NI Picker, 2 Row Narrow 12 Roll Bed, Nice.....$5,800
JD #343 3 Row 30" Corn Head
JD 300 Husker w/3 Row Head
JD 40 Combine w/2 Row and Grain Head
13' Rigid Head for Side Hill.....$1,750
JD 13' Grain Head w/Floating Bar
NI #702 Uni System w/#737 Picker And #743 3 Row Corn Head, Sharp Unit.....$8,750
JD #444 Corn Head
NH 890 2 Row Narrow Snapper Head.....$1,200
JD 300 Husker w/3 Row Head.....$4,850
MF 510 Diesel Cab Combine w/14' Platform.....$6,950
JD 4400 Rotary Screen Diesel Combine, Hi-Back Seat, Sharp, Late Model
JD 4400 Rotary S SOLD sel Combine, Sharp
(2) JD 443 Corn Heads.....ea. $4,650
JD 213 Flex Head SOLD

HAY & FORAGE EQUIPMENT:
NH #282 Baler w/Thrower
NI #402 Rake
JD 1 Row, Row Crop Attachment, Nice.....$550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
Ford 3 Pt. Flail Mower
MC 7' Rotary Scythe.....$1,450
JD 24T Baler w/Ejector
NH 488 Haybine SOLD $2,850
JD Running Gear.....$350
NH 770 Harvester SOLD Pickup.....$3,850
JD 18A Chopper
NH 256 Rake.....$1,850
NH 1010 Bale Wagon.....$4,350
JD 336 Baler w/30 Ejector

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Mount Cultivator For 3020.....$1,550
JD RM 6 Row Cultivator.....$1,675
JD RM 4 Row Cultivator.....$1,275
JD RM 8 Row 30" Cultivator w/Transport.....$2,275
JD 24' Folding Rotary Hoe.....$2,650
JD 415 Rotary Hoe.....$1,550
JD 21' Rotary Hoe w/ SOLD sport, like new

GRAIN DRYERS:
New Farm Fans ABS Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

Coming In...
JD 500 Grain Cart, almost new
JD 4650 MFWD, PS, 230 hrs., like new
JD 2150 w/175 Loader, 300 hrs., like new
JD 6620 S/H Combine, 1100 Hrs., w/215 Flex Head, Sharp
JD 260 Loader For RC Tractor
Westfield 31'x8" PTO Auger, almost new
JD 4420 Combine, 384 hrs., like new
NI #324 2 row wide w/8 roll bed
JD 6600 Diesel Hydro Rotary Screen Combine
JD 6600 Combine w/Chopper
JD 13' Grain Head w/floating bar

PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow.....$3,950
JD F350 5-16" Hyd. Reset Plow.....$2,350
IH 530 5B Trip Plow.....$950
JD 1450 6-16" Semi-Mtd. Plow.....$2,250
Brillion 9 Tooth V Ripper.....$2,650
Add On Bottom For 2500 Spring Reset Plow.....$550
5 Shank V Ripper.....$650
JD 2600 6B Auto Reset Plow, nice.....$6,450
JD 3200 6x18 Spring Reset Trailer Plow.....$3,850
JD 2500 5-18 Spring Reset Plow.....$3,850
AC 4-18 Auto Reset Plow.....$1,200
JD 4-16" F145 Semi Mtd. Plow.....$1,450
IH 3 or 4 Bottom Auto Reset Plow 3 Pt.....$1,450

CULTIPACKERS
Brillion 10' w/Big Shaft.....$950
Brillion 3' Section 28' Packer.....$2,450
Brillion 12' Packer, Big Shaft.....$1,150
JD 10' Packer.....$1,050
(2) Each Brillion 12' Packers w/Transport.....ea. $1,250
Brillion 16' Packer w/Transport.....$1,950

ROLLER HARROWS AND CULTIMULCHERS
IH 315 12' Roller Harrow.....$3,450
Brillion 18' Cultimulcher, very good.....$3,800
Brillion 10' Cultimulcher, very good.....$2,850
Brillion 22' Folding Cultimulcher.....$6,850

DISCS AND FIELD CULTIVATORS
JD 12' TWA Plowing Disc.....$3,250
JD BW 14' Disc.....$1,450
JD 8' Killiffer Offset Disk.....$875
IH 9" Wheel Controlled Disk.....$975
Kewanee 12' Rock Flex Disc.....$2,450
Kewanee 16' Flat Fold Rock Flex Disc.....$2,750
Brady 20' Wing Fold Field Cultivator.....$1,850
Kewanee 800 Rock Flex Plowing Disc 12'.....$2,950
IH 18' Folding Vibra Shank w/Tine Harrow.....$1,950
JD BWF 18' Folding Disc w/Scratcher.....$2,850

PLANTERS & GRAIN DRILLS:
JD #1240 Plateless Planter.....$1,500
White 5400 6 Row Air Planter.....$2,350
IH #56 4 Row Planter.....$1,150
JD 8300 21x7 DD Drill.....$4,200
IH 510 24x6 DD Drill w/Fert. and Grass, Sharp.....$4,850
JD 17x7 VanBrunt Grain Drill.....$650
JD 8350 22x7 Drill w/Grass And Gang Press Attach., Nice.....$5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice.....$8,750

NEW JOHN DEERE EQUIPMENT AT BELOW DEALER COST
JD 575 Del. Skid Steer Loader w/54" Bucket.....$12,500
JD 675B Diesel Skid Steer Loader w/Bucket.....$13,700
AMT 600 Demo Unit.....$2,450

MISCELLANEOUS:
NI 217 Spreader w/Double Beater and Tail Gate.....$1,450
14.9x38 Direct Axle Dual Wheels
Kelley Loader for JD Row Crop.....$1,650
NH 352 Grinder-Mixer.....$2,450
JD 660 Spreader w/Hyd. Tail Gate.....$3,650
Donahue Implement Trailer.....$1,750
JD 400 Grinder Mixer, Sharp.....$3,250
JD 146 Loader w/Ind. Valve.....$2,950

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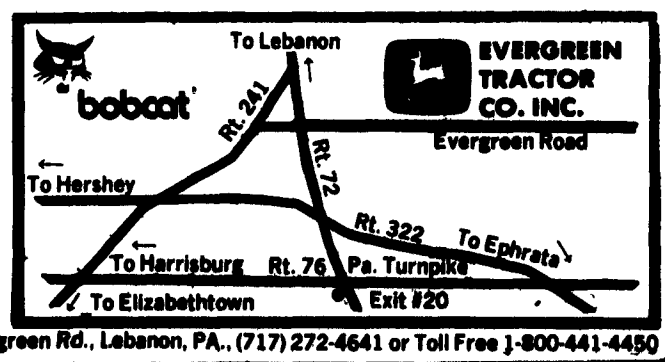


30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Philly Fruit Market

August 10, 1989

CLOUDY 63-79.

GRAPEFRUIT ABOUT STEADY CA ctn Red 23s 14.00-15.00 27s 16.50 few 17.00 32s 17.00-17.50 36s 16.00- 16.50 40-48s 16.00 fair qual 23s 11.00-11.50 few 12.00 27s 11.00-12.00 few 12.50 32s 11.00-13.00 mos 12.00 few 13.50 36s 11.00-12.00 few 12.50 40-48s 11.00-12.00 mos 11.00 few 12.50 White fair qual 32-40s 12.50.

LEMONS ABOUT STEADY CA ctn 95-115s 32.00 140s 25.00 165s 21.00 fair qual 95s 22.00 115s 21.00 140s 19.00-20.00 165s 16.50 200s 15.00 ord qual 95-115s 11.50 140s 11.50- 13.00 few hgr 165s 13.00 few hgr CHILE 16-kilogram ctn wrpd 110-120s 19.00 140s 18.50 160s 16.50 180s 15.00.

LIMES SUPPLIES LIGHT FL 10-lb ctn Persian Seedless 48s 3-3.50 54s 3.00-4.00 mos 3.50 few 5.00 63s 3-3.50.

ORANGES ABOUT STEADY CA ctn Valencia 56s 25.00 72s 18.50-25.00 88s 15.00-20.00 113s 13.50 138s 8.00-10.50 fair qual 56s 14.50 72s 14.50-15.50 88s 14.00-15.00 113s 11.00 138s 9.50 fair cond 6.00 FL 4/5 buctn Pepe Summer 64s fair cond 10.00-12.00 80-100s fair cond 10.00-12.00 ord cond 6.00-7.00.

APPLES ABOUT STEADY CONTROLLED ATMOSPHERE STORAGE ctn tray pack WA Red Delicious WAExFcy 64s 15.00-16.00 88-100s 15.00-16.00 one label 72-113s 17.00 USExFcy 113-125s 13.50 Golden Delicious WAExFcy 88s 20.00-21.00 100s 19.00 few 20.00 CANADA B.C. Red Delicious USExFcy 100s 15.00 ctn cell pack WA Golden Delicious WAExFcy 96s one label 30.00 Ctn 12-3 lb film bags 2-1/4" min WA Red Deli- cious WAExFcy 12.00 NEW CROP ctn tray pack ARGENTINA Granny Smith 88s 18.00 AUSTRALIA Granny Smith 100s 16.00 NEW ZEALAND Granny Smith 100s 21.00.

APPLE-PEARS CA ctn 2-lyr no variety marked 40-42s 18.00 60-64s 13.50 NEW ZEALAND 1-lyr flat Hosui 23s 14.00.

APRICOTS NO SUPPLIES.

AVOCADOS ABOUT STEADY CA 2-lyr ctn Hass 48s few 30.00 fair qual 23.00-24.00 FL 1-lyr ctn various Greenskin varieties 10-12s 5.00.

BANANAS Imports ctn approximately 40-lb 11.50 fair qual 9.50-11.00 film wrpd 11.50 Institutional pack Petite 150s 21.00.

BLACKBERRIES NJ flats 12-1 pt trays fair cond 5.00.

BLUEBERRIES ABOUT STEADY flats 12-1 pt trays film overwrpd trays NJ med-lge 11.00-12.00 mos 12.00 one lot 14.00 med 10.00-11.00 mos 11.00 MI lge 13.00.

CHERRIES SUPPLIES INSUFFICIENT TO QUOTE.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

FIGS NO SALES REPORTED.

GRAPES-TABLE ABOUT STEADY CA 23-lb lug Thompson Seedless 12.00-14.00 mos 13.00-13.50 preferred labels 16.00-17.00 mos 16.00 sml 9.00-10.00 Flame Seedless 13.00-15.00 few best 16.00 ord-fair cond 6.00-10.00 Exotic one label 16.00.

KIWIFRUIT ABOUT STEADY NEW ZEALAND ctn 108 count 25.00 117 count 25.00 138 count 23.00.

MANGOS ABOUT STEADY MEXICO ctn Kent 8-12s 6.00.

NECTARINES ABOUT STEADY CA 25-lb ctn Royal Giant 56 size 16.00 64 size 15.00-16.00 mos 15.00 few 16.50 72 size 14.00-15.000 80 size 13.00 2-lyr ctn tray pack July Red 64s 13.00.

PAPAYAS HAWAII ctn via air 11-12s 12.00.

PEACHES SLIGHTLY HIGHER 3/4 bucrt & ctn US Extra #1 unless otherwise stated NJ Harken 2-3/4" & up one label 22.00 2-1/2" & up one label 20.00 2-1/4" & up one label 18.00 no grade marked 2-1/4" & up fair qual 8.00-10.00 Loring 2-3/4" & up one label 22.00 no grade marked 2-1/2" & up fair qaul 14.00-15.00 Red Haven no grade marked 2-1/2" & up fair qual 14.00-15.00 2-lyr ctn Loring no grade marked 36s few 17.00 CA 2-lyr ctn tray pack O'Henry 48-56s 12.50 Sparkle 48-50s 14.50.

PEARS ABOUT STEADY CA Bartlett US#1 36-lb ctn 90 size 24.00 100 size 21.00 110 size 16.00- 18.50 120 size 15.00-17.50 135 size 14.00-15.50 4/5 buctn wrpd 90s 30.00 100s 28.00 110s 26.00 120s 23.00 135s 20.00 Bosc US#1 4/5 buctn wrpd 90- 100s 30.00 120s 25.00.

PINEAPPLES DOMINICAN REPUBLIC 2-lyr ctn 10s 11.50.

PLUMS ABOUT STEADY CA 28-lb ctn & lug Friar 2x3 size 18.00 2x3x3 size 16.00-18.00 3x3 size 15.00-18.00 mos 16.00-18.00 2x3x4 size 15.00-16.00 3x4 size 13.00-14.00 Simka 2x3x4 size 16.00 3x4 size 15.00 3x4x4 size 14.00 Catalina 3x3 size 16.00 Royal Diamond 3x3 size 18.00 Kelsey 3x4x4 size 18.50.

POMEGRANATES SUPPLIES LIGHT CA 2-lyr lug Granada 60-64s 16.00.

PRUNES SUPPLIES LIGHT WA 30-lb ctn Early Italian type WA#1 1-1/4" min 12.00-13.00.

RASPBERRIES SUPPLIES LIGHT flats 12-1/2 pt film overwrpd trays Red CA 18.00-21.00 OR via air 21.00.

STRAWBERRIES SLIGHTLY LOWER CA flats 12-1 pt trays med-lge 7.000-9.00 mos 8.00-9.00 fair cond 4.00-6.00.

CANTALOUPS LOWER CA 1/2 ctn 12s 9.00-10.50 few 8.50 15s 9.00-10.00 mos 9-9.50 few 10.50 few 8.50 ord-fair cond 2.00-7.00 18s 8.50-10.00 occ 10.50 few 8.00 23s 7.50- 8.00 TX 1/2 ctn 18s fair cond 7.00-8.00 NJ 1-lyr ctn 9s fair cond 1.50 MD lge ctn 6-8s fair qual 2.00-3.00.

HONEYDEWS ABOUT STEADY CA 2/3 ctn 4s one label 7.00 5s 6.00-7.00 mos 6-6.50 6s 6-6.50 AZ 2/3 ctn 6s 6.00 TX 2/3 ctn 4s fair cond 4.00.

MISC MELONS TOO FEW SALES TO QUOTE.

WATERMELONS SLIGHTLY LOWER Average weight per melon NC Crimson Sweet 21-lb 1.50 DE Crimson Sweet 22- 1/2 lb 2-2.50 20-lb 2.00 MD Crimson Sweet 20-lb 1.50-1.75 Carton per lb MEX-ICO Jubilee 3s 17 cents few hgr 1-lyr ctn per ctn NJ Sugar Baby 6-8s 4.00-5.00.

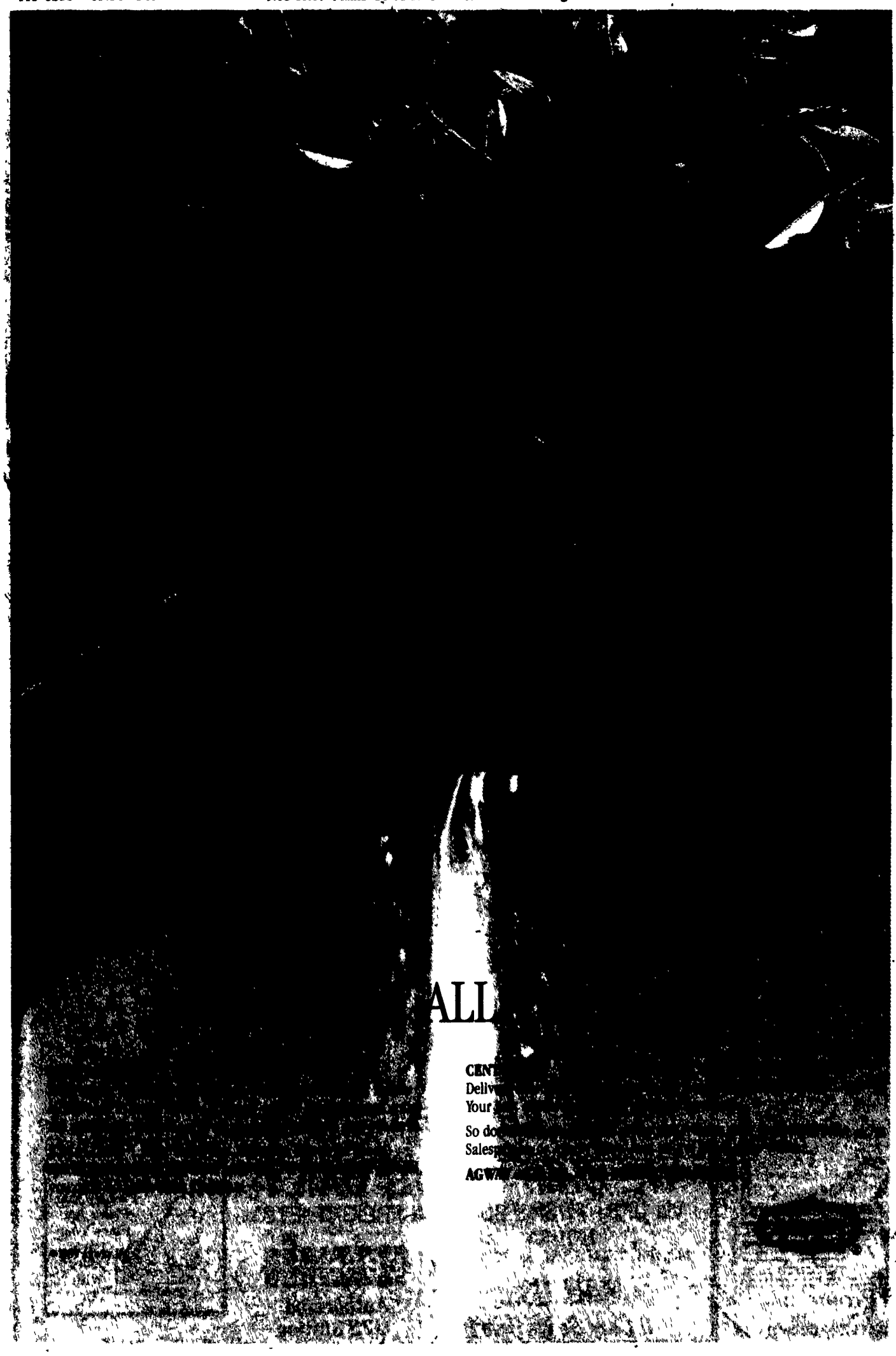
Laurel Del. Fruit & Veg.

August 9, 1989

BEANS-LIMA (4) BUSHEL 13.00 CORN (224) DOZEN PER DOZEN WHITE .85- 1.30 CUCUMBERS (2) CARTONS 5.00 PEPPERS (101) BUSHEL GREEN 3.00-10.00 RED 6.00-7.00 SQUASH (2) BASKETS YELLOW STRAIGTNECK 5.00 TOMATOES (509) CARTONS 25-LB PINK 5.00- 8.00 RED 3.50- 7.50

BLACKBERRIES 22 QUARTS PER QUART 1.05

CANTALOUPES (14,955) PER MELON GOLD STAR .40 STAR HEADLINER .60 SUPERSTAR .25- 1.00 HONEYDEWS (347) EACH .55- .75 MISC MELONS CRENSHAWS (86) .30-.75 WATERMELONS (62,992) PER MELON CRIMSON SWEET 12-14 LB .30- .75 15-19 LB .50- 1.00 20-24 LB .75-1.80 25-29 LB 1.05- 2.40 30-34 LB 1.65-1.80 JUBILEE 20-24 LB .70- .75 25-29 LB .85- 1.05 ALL SWEET 15-19 LB .75-.80 20-24 LB .75- 1.30 25-29 LB 1.15 30-34 LB 1.30 PARADISE 18-19 LB .70 25-29 LB 1.00 MIRAGE 20-24 LB .95 GOB JEM 30-34 LB 1.20 35-39 LB 1.50 40-44 LB 1.50 TOM WATSON 35-39 LB 3.20 40-44 LB 2.25 50-54 LB 3.25 YELLOW MEAT 25-29 LB 2.90- 3.60 PER CWT CRIMSON SWEET 20-24 LB 3.50-4.25 25-29 LB 5.00 JUBILEE 25-29 LB 4.50- 4.55 30-34 LB 5.20 ALL SWEET 25-29 LB 7.50 LONG GRAY 18-19 LB 3.00- 3.50 20-24 LB 3.00- 4.00 25-29 LB 4.35 CRIMSON TIDE 20-24 LB 3.90 SUGAR BABY (829) EACH .70- .75



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Aug. 3-Aug. 9. Open 11 a.m. MON THROUGH SAT
Report Supplied by Auction

APPLES: 3.00-5.00 ½ BU.
APRICOTS: 6.00-10.50 ½ BU.
BEANS, GREEN AND YELLOW: 5.00-9.00 ½ BU, LIMA 13.00-15.00 ½ BU.
BLACKBERRIES: 10.00-18.00 12 PT FLAT.
BLUEBERRIES: 14.00-18.00 12 PT FLAT.
CABBAGE: 3.50-6.00 50 LB. BOX; .20-.40 EACH.
CANTALOPES: SMALL TO LARGE .25-1.25 EACH.
CUCUMBERS: 3.00-6.00 ½ BU.
NECTARINES: 6.00-11.00 ½ BU.
PEACHES: 5.00-10.50 ½ BU.
PEARS: 5.00-8.00 ½ BU.
PICKLES: 4.00-8.50 ½ BU.
PLUMS: 8.00-15.00 ½ BU.
PEPPERS: LARGE 7.00-12.00 1 1/9 BU; MEDIUM 5.00-10.00 1 1/9 BU.
POTATOES: 7.00-10.00 50 LB. BAG, 1.50-2.25 10 LB. BAG, 5.00-6.00 ½ BU.
RED BEETS: 7.00-9.00 15 BUNCH BU.
CORN, SWEET, WHITE: 1.75-2.75 DOZ.; YELLOW 1.75-2.25 DOZ.
TOMATOES: LARGE 10.00-23.00 25 LBS. BOX; MEDIUM 6.00-18.00 25 LB. BOX.
WATERMELONS: CRIMSON SWEET 15-30 LBS. .07-.10 LB; SUGAR BABIES, SEEDLESS, AND YELLOW DOLLS .65-1.75 EACH.
ZUCCHINI: YELLOW AND GREEN 3.00-6.00 ½ BU.

NJ Fruit FOB (Seasonal)

August 10, 1989
CLOUDY 59-77.
SOUTH NEW JERSEY Sales fob shipping point basis. BLUEBERRIES Demand fairly good. Market steady. 12 pint film-wrapped trays mostly Elliot 9.50-10.00 few fair quality & condition lower

Leola Produce Auction

Leola, PA
August 8, 1989
Report Supplied by Auction

APPLES, EARLLY MACINTOSH 6.00-8.00 .
BLUEBERRIES: 10.00-14.00 12 PT. FLAT.
BEANS, GREEN: 16.00-20.00 1 1/9 BU.
BEANS, YELLOW WAX: 15.00-18.50 1 1/9 BU.
BEANS, LIMA: 35.00-40.00 1 1/9 BU.
BLACKBERRIES: 6.00-11.00 12 PT FLAT.
CABBAGE: .35-.47 HD.; 4.50-8.00 CRATE.
CUCUMBERS: 8.00-12.50 1 1/9 BU.
EGGPLANT: 8.00-11.00 BU.
CANTALOUPES: .45-1.40 EA.
NECTARINES: 12.00-15.00 ½ BU.
PLUMS: 7.00-10.00 ½ BU.
PICKLES: 3.00-6.50 ½ BU.
POTATOES: 8.00-10.75 50 LBS.
PEPPERS: LARGE & MEDIUM GREEN 8.00-15.00 1 1/9 BU.
PEACHES: 7.50-11.50 ½ BU.
PEARS: 5.00-8.00 ½ BU.
RED BEETS: 6.00-8.50 15 CT. BUNCH.
CORN, SWEET: #1 WHITE 2.00-2.75 DOZ.
SQUASH: YELLOW STRAIGHT NECK 3.50-6.75 ½ BU.
TOMATOES: CHERRY: 4.50-7.50, 12 PT. FLAT; #1 9.00-15.00 25 LBS.
WATERMELONS: SEEDLESS 2.00-3.75 EACH; YELLOW DOLLS .60-1.35 EACH; CRIMSON SWEET 1.75-2.75 EACH.
ZUCCHINI: 3.00-8.00 ½ BU.
SALE DAYS NEXT WEEK MON.-FRI. 9:30, SAT. 9 A.M.

Buffalo Produce

Mifflinburg RD
August 1, 4, and 7
Report Supplied by Auction

APPLES, JERSEY MAC 8.00-13.00; RAMBO 6.75-9.00.
BEANS, YELLOW: 10.50-16.00 BU.
BEANS, GREEN: 14.00-18.00 BU.
LIMA BEANS: 10.00-15.00 ½ BU.
BLUEBERRIES: 9.00-14.25 FLAT.
RED BEETS: 6.50-8.00 ½ BU; .18-.26 BUNCH.
CABBAGE: 3.50-4.50 50 LB. BAG.
CANTALOUPE: 15 CT. .10-.40 EA; 9 & 12 CT .40-2.00 EA.
CUCUMBERS: 2.00-6.00 BU.
EGGPLANT: 7.50-8.25 BU.
PEACHES: 6.00-9.00 ½ BU.
PEPPERS: LARGE 5.50-12.50 BU.; MEDIUM 4.00-6.00.
PICKLES: 3.00-4.00 ½ BU.
PLUMS: 6.00-10.00 ½ BU.
POTATOES: 6.00-9.50 50 LB.

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CONSISTENCY...

...it's a key word at RO LA!

In 1987... ROLA attained the honor of ranking among the top 20 herds in the nation!

In 1988... RO LA still had one of the top 20 herds in the nation and was the ONLY dairy herd to repeat!

In 1989... RO LA's dairy herd reached 26,211 lbs production with 826 fat and 816 protein!

"IF WE KEEP THIS up, we'll hit 27,000 lbs within a year," predicts Paul Lewis, herdsman and partner in the family operation. "Things have been going well . . . really well . . . for several months." Holsteins are milked three times a day. ROLA Farms, Rexville, N.Y., are owned and operated by Robert Lewis and sons, Larry, Lyle and Paul.

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IT DOES NOT CONTAIN.
Any drugs - so there is no fear of drug residues!

THE ABOVE NUTRIENTS
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- Decrease Somatic Cell Counts (SCC)
- Decrease Foot-Rot Problem
- Increase Appetite
- Increase Feed Efficiency
- Make Your Average Cow A Top Cow
- Retails $52/50 lb. Drum

Two ounces of DAIRY POWER daily add enough power to your average cow. Ask by name - UAS DAIRY POWER. Do not settle for substitutes!

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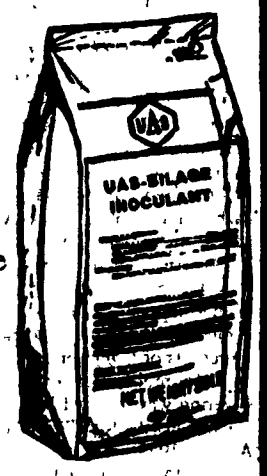

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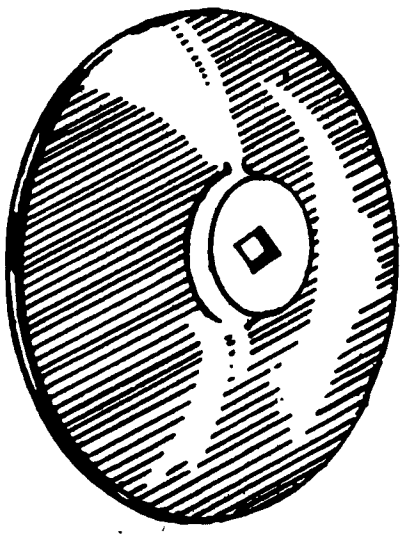

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Authorized UPS Station

Estimated Daily Livestock Slaughter

Under Federal Inspection
August 9, 1989

	CATTLE	CALVES	HOGS	SHEEP
WED., 8/9/89 (EST)	125,000	9,000	314,000	23,000
WEEK AGO (EST)	125,000	9,000	307,000	22,000
YEAR AGO (ACT)	127,000	10,000	308,000	20,000
WEEK TO DATE (EST)	365,000	25,000	908,000	63,000
SAME PD LT WK (EST)	369,000	24,000	889,000	60,000
SAME PD LT YR (ACT)	371,000	31,000	894,000	57,000

FARM BUREAU ACAFS

(Continued from Page A3)

Acres Cattle Update: Live cattle and feeder cattle futures settled mixed today with the fats ending the day from 35 lower to 27 higher on the spot August option, while feeders settled from 3 lower on the March to 33 higher on the August. Front month support was tied to firmer cash fundamentals, notably heavy fed cattle movement yesterday at higher prices. An increase in cut-out values and expectations for further strength provided further support. Some sales were tied to commercial hedging. Feeders were higher on reports of higher prices paid at auction barns for replacement feeders. Some short covering was featured late in the session.

CME FEEDER SETTLEMENT PRICE: Aug. 7, 1989 - $84.45 up $ .10
NEXT DAY OUTLOOK: CASH PRICES - steady FUTURES - steady

Acres Hog Update: Live hog futures settled lower today from $.33/cwt on the spot option to as much as $1.23/cwt on the April. Session long selling was tied to commission house fund related transactions tied to long liquidation and weaker cash fundamentals. Reports of heavier than anticipated receipts added further pressure along with sharply lower midday product quotes. The lack of deliveries posted against the August kept losses in that option at a minimum coupled with its discount to cash. Bellies were sharply lower as declining pork product prices pressured along with expectations for larger supplies. New contract lows were set in the February through July options.

King's Hay

Kirkwood, Pa.
Tuesday, August 8, 1989
Report Supplied by Auction

TOTAL LOADS: 29.
ALFALFA: 131.00-199.00.
ALFALFA MIX: 125.00-146.00.
GRASS HAY: 71.00.
TIMOTHY AND TIMOTHY MIX 74.00-120.00.
MIXED HAY: 50.00-119.00.
EAR CORN: 85.00-105.00.
STRAW: 80.00-112.00.

New Wilmington Livestock

N. Wilmington, PA
August 7, 1989

CATTLE 253...PDA...Compared with last Monday's market: Slaughter cows $1 to $1.50 higher. Few Choice slaughter steers 70.00-73.00, one Select 67.50, Standard 55.50-63.50. One Choice sl. heifer 68.00, one low yielding 64.75, one Select 61.00, few Standard 54.00-58, few low yielding 46.25. Breaking Utility & Commercial sl. cows 48.00-52.75, few 53.50-54.50, Cutter & Boning Utility 46.00-50.50, few high dressing 52.50, Canner & Low Cutter 38.00-45.75, Shells down to 15.00. Yield Grade No. 1, 1325/2215 lbs. sl. bulls 57.00-61.00, couple 64.50&65.25, one No. 2, 945 lbs. 55.00. Feeder Cattle: Few Medium & Large Frame No. 1, 280/415 lbs. steers 89.00-98.00, 600/930 lbs. 63.00-70.00, Medium & Large Frame No. 1, 400/675 lbs. heifers 64.00-73.00, Large #2, 500/750 lbs. Holsteins 53.00-65.50. Large Frame No. 2, 550/900 lbs. Holstein bulls 52.00-65.00.

CALVES 275...Few Choice vealers 103.00-110.00, Standard & Good 90/120 lbs. 70.00-80.00, 65/85 lbs. 60.00-75.00, Utility 50/90 lbs. 30.00-42.00. Farm Calves: Hol. Bulls 90/135 lbs. 102.50-121, No. 2, down to 80.00, 80/85 lbs. 70.00-80.00; Hol. Heifers 95/125 lbs. 80.00-125.00. Beef cross 80/125 lbs. bulls & heifers 80.00-144.00.

HOGS 372...Barrows and gilts steady to strong. US No. 1-2 210/225 lbs. 46.00-46.75; 1-3 215/265 lbs. 45.50-46.25, 1-3 160/200 lbs. 36.50-42.50. Sows Boars 30.00-33.00.

FEEDER PIGS 39...Lot US No. 1-3 20 lbs. feeder pigs 9.00, 40/60 lbs. 17.00-31.00 — all per head.

SHEEP 152...High Choice & Prime 80/100 lbs. spring sl. lambs 66.00-74.00, few 65/75 lbs. 78.00-84.00, Choice 65/95 lbs. 55.00-65.00; Good & Choice 55/85 lbs. feeder lambs 47.00-58.00. Slaughter ewes 6.00-24.00.

Milk May Help Diabetics

ROSEMONT, IL. — Drinking milk may help diabetics manage their blood-sugar levels, according to researcher Mary C. Gannon, Ph.D., at the VA Medical Center in Minneapolis. Since the goal in the treatment of adult-onset (Type I) diabetes is to prevent high glucose levels, preferably by dietary means, the best foods for diabetics may be those that increase blood insulin without causing a substantial rise in blood glucose. Milk may be such a food. In Gannon's research, blood insulin was better (i.e., higher) after subjects consumed test "meals" consisting of milk compared with other meals of glucose in water or the milk sugar, lactose, in water. In another experiment, seven different high-protein meals were compared for their effects on blood insulin levels. The high-milk-protein meal (cottage cheese) was among the three most effective protein sources in raising insulin levels.

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August and September Top Dressing Alfalfa
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Princep 90 (Alfalfa Label)
Due to Alfalfa stress, give it a boost with our liquid

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Barnyard Acid Resistant
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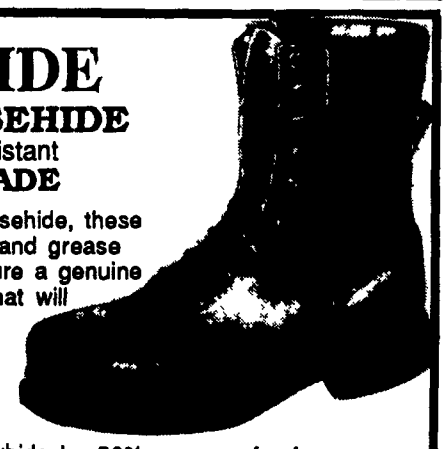

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STYLE	WIDTH	PRICE	SIZE	TOTAL
6 Inch	D, EE, EEE	$52.95		
8 Inch	D, EE, EEE	$54.95		
8" Steel Toe	EE Only	$59.95		
8" Insulated,	snow grip sole	$62.95		

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Belknap Livestock

Dayton, PA

August 9, 1989

CATTLE 43...PDA...Compared with last Wednesday's market: One Select slaughter steer 64.75; one Standard 63.50. One Standard sl. heifer 53.75. Few Breaking Utility & Commercial slaughter cows 47.50-51.00, Cutter & Bon. Utility 46.50-49.25, Canner & Low Cutter 39.75-46.00, Shells down to 33.00. One Standard sl. bullock 63.00. Few Yield Grade No.1, 1170/1800 lbs. sl. bulls 58.50-62.50, one 66.25. Feeder Cattle: Medium Frame No. 1-2, 450/635 lbs. heifers 60.00-75.00.

CALVES 83...Few Choice vealers 88.00-97.00, couple Good 80.00&87.00, Standard and Good 90/120 lbs. 75.00-80.00, 60/85 lbs. 63.00-75.00. Farm Calves: Holstein Bulls 90/125 lbs. 90.00-114.00, 80/90 lbs. 83.00-99.00, few Holstein heifers 100/130 lbs. 83.00-125.00. Beef cross 75/135 lbs. bulls & heifers 84.00-110.00.

HOGS 131...Barrows and gilts mostly $1 higher. Small lot US No. 1-2 240 lbs. 50.00, 1-3 225/250 lbs. 47.20-48.00, 2-3 225/250 lbs. 46.40-47.50, 1-3 200/220 lbs. 43.00-47.00. One US No. 1-3 300 lbs. sows 38.00, few 2-3 330/560 lbs. 32.00-32.75. Boars 31.25-32.50.

FEEDER PIGS 67...US No. 1-3 15/30 lbs. feeder pigs 8.00-17.50, 35/40 lbs. 15.00-20.50 --- all per head.

SHEEP 14...Slaughter sheep 6.00-34.00.

GOATS 9...Couple Medium 40.00&45.00, few Medium & small Kids 7.00-26.00 --- all per head.

New Holland Dairy

New Holland Sales Stables

Wednesday, Aug. 9, 1989

Report supplied by auction

REPORTED RECEIPTS OF 63 COWS, 70 HEIFERS, AND 5 BULLS. HEIFER MARKET STEADY; BETTER COWS STRONGER; BALANCE STEADY.

PA AND NY FRESH 875.00-1600.00.

CANADA FRESH 1025.00-1275.00,

SPRINGERS ON SAME LOAD 850.00-1225.00.

LOCAL SPRINGING HEIFERS 825.00-1085.00.

SHORTBRED HEIFERS 580.00-810.00.

OPEN HEIFERS 405.00-510.00.

BULLS 570.00-750.00.

LOCAL COWS 560.00-1320.00.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.

Jersey Shore, Pa.

Report supplied by Auction

Thursday, Aug. 10, 1989

RETURN TO FARM CALF 95.00-139.00.

GOOD VEAL 75.00-100.00.

COMMON VEAL 40.00-74.00.

CHOICE STEERS 70.00-74.50.

SELECT STEERS 65.00-71.00.

COMMON STEERS 56.00-64.00.

COMMERCIAL COWS 48.00-55.00.

CANNERS-CUTTERS 45.00-57.00.

SHELLS 39.00-44.00.

CHOICE HEIFERS 69.00-72.00.

SELECT HEIFERS 62.00-68.00.

COMMON HEIFERS 53.00-61.00.

COMMON FEEDERS 55.00-67.00.

BULLS 57.00-66.75.

GOOD HOGS 46.00-48.35.

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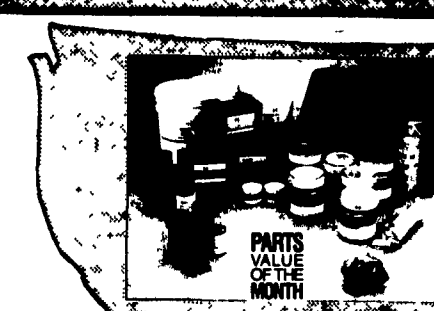

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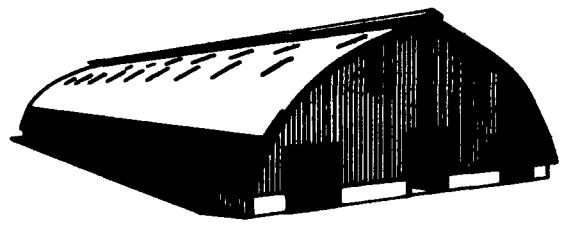

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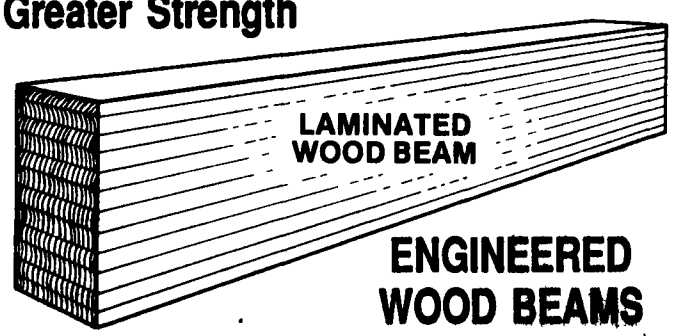

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Exceptional tolerance to Verticillium Wilt and Phytophthora Root Rot. Outstanding winterhardiness. Rapid recovery when management and fertilization are good. Excellent opportunity for extra cutting each year.

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Dairy Farm Beautification Program

How Leading Alfalfa Varieties Compare

		Pest Resistance Ratings							
Brand	Variety	Phyto. Root Rot	Bact. Wilt	Vert. Wilt	An-thrac-nose	Fusar. Wilt	Pea Aphid	Spotted Alfalfa Aphid	% Yield Wins*
CARGILL	CROWN	R	R	R	HR	R	R	MR	68%
Jacques	Elevation	MR	R	MR	-	R	R	-	58%
Funks	G-2852	R	HR	R	HR	R	R	MR	58%
CARGILL	ENDURE	R	R	R	MR	R	-	LR	55%
Pioneer	526	LR	HR	-	-	MR	R	HR	53%
Dairyland	Magnum+	R	R	LR	MR	R	-	LR	53%
Pioneer	532	LR	HR	-	LR	R	R	HR	52%
Dekalb	Advantage	R	R	-	MR	R	-	LR	48%
Dekalb	120	R	HR	-	LR	R	R	-	48%
Dekalb	135	MR	R	MR	MR	R	R	MR	47%
CARGILL	CHALLENGER	R	R	-	R	MR	-	-	43%
Speedway	Cimarron	MR	R	—	MR	HR	R	HR	43%
Beachy Hardy	WL 316	MR	MR	R	HR	R	R	R	42%
Pioneer	5432	MR	HR	R	-	HR	R	HR	42%
Funks	G-2815	MR	R	-	R	HR	R	LR	41%
Public	Onesida VR	MR	R	HR	MR	HR	-	-	40%
NK	Drummor	R	R	-	MR	MR	-	HR	39%
NK	Trumpetor	LR	MR	MR	R	HR	MR	LR	37%
Public	Riley	-	HR	LR	MR	-	HR	HR	37%
Public	Wrangler	HR	R	LR	LR	R	HR	HR	36%
NK	Commandor	R	R	MR	HR	R	-	LR	34%
Asgrow	Eagle	MR	HR	MR	R	R	R	R	33%
Rublic	Iroquois	-	HR	-	-	-	-	-	32%
Public	Saranac AR	-	MR	-	HR	R	-	-	31%
Public	Vernal	-	R	-	-	MR	-	-	23%
Public	Baker	-	HR	-	LR	R	HR	HR	21%

*Includes yield data from all published state university trials (1982-87) of widely-planted varieties tested for at least 50 location years.

Resistance class	% resistant plants
S (Susceptible)	0-5
LR (Low Resistance)	6-14
MR (Moderate Resistance)	15-30
R (Resistant)	31-50
HR (High Resistance)	50

Pest resistance ratings are published by the Certified Alfalfa Seed Council. The information was obtained and characterized by the National Alfalfa Review Board. All varieties not shown. Blank spaces indicate variety is susceptible or has not been adequately tested.

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Total Dollar Value all Seeds	% Savings
$ 500- 900	1%
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All spring planted crops including Corn, Alfalfa, Grass Seed, Sunflowers, Sorghums can be totalled by June 15.

2. Early Payment Discounts

If Payment Postmarked	Early Pay
Jan. 15	7%
March 15	6%
April 15	2%

3. PIK Certificate Redemption

Cargill, Inc. will maintain an aggressive daily cash bid for generic PIK certificates. This bid price is available through your Cargill Hybrid Seeds dealer. Farmer customers may apply PIK certificates to Cargill Hybrid Seed purchases and realize additional savings.

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Tuberculosis Found

(Continued from Page A1)

sons who may have been in direct contact by working near, or, around the cows, or consumed any of the milk, should be tested."

A State veterinarian came to the Halifax farm after the July 24 notification, to retest the seven reactors. "After three days, they took the results back to the lab and called me within a half-hour," Campbell said. "Right away they quarantined the barn and the four positive reactors went to the Lab for complete diagnostic evaluation." The other three cows followed. "It was confirmed by the State that the TB was positive", the Guernsey breeder said.

As soon as they opened the cows and discovered the lesions, the State notified Federal officials. Results from the Federal Lab are expected by the end of the month, prior to the entire herd being retested.

"All animals sold from the herd are being immediately checked."

"The Department of Agriculture began tracking our breeding stock which was sold, and cull cows which were sent to auction—almost immediately. They've gone all over the health charts we have, and are checking anywhere we have sold. They are starting with five years back, and if they have to, they will go back farther," Campbell stated.

Although there is no common fence, two neighboring farms

(Turn to Page A29)

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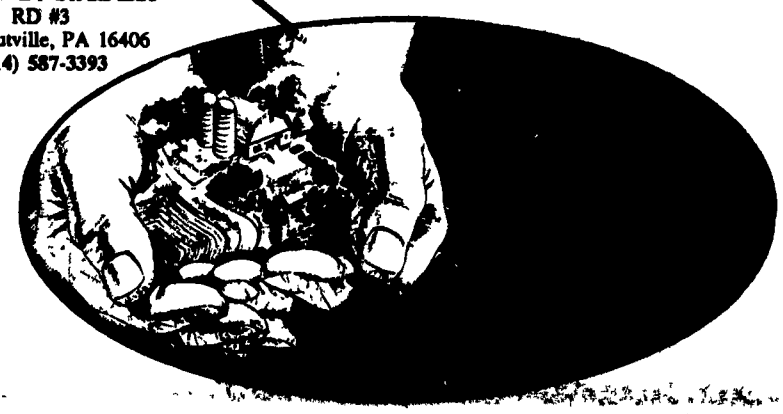

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Ephrata 4-H'er Shows Champion Lancaster County Hog

BY LISA RISSER

MANHEIM (Lancaster Co.) — The younger 4-H'ers shone at the Lancaster County 4-H Hog Roundup Wednesday with third-year member Gerald Boyd exhibiting the grand champion. Reserve grand champion honors went to second-year member Derrick Lee Frank.

Boyd's 248-pound three-way crossbred gilt, Lisa, pleased both judge Henry Holloway and Jerry Clemens of Hatfield Packing, who purchased her for $1.75 per pound. The 10-year-old son of Kerry and Deb Boyd of Ephrata, Boyd had the grand champion at the Ephrata Fair last year.

Frank's middleweight champion, a 216-pound crossbred barrow, brought $1.50 from Hatfield Packing. Frank had help in selecting all three of his pigs from his grandfather, Omar Beam, and his uncle, Nelson Beam.

The nine-year-old son of Charlene Frank of Rheems, Frank bought his hogs from Cedar Meadow Swine in Elverson, the same place he got last year's 4-H roundup reserve grand champion.

The average price on the 108 animals was $.64 with the total sales being $15,600. The volume buyer was Hatfield Packing.

A partial list of the winners follows.

Class 1
1. Chad Folker, 2. Amy Bollinger, 3. Rita Germak.

Gerald Boyd, left, of Ephrata exhibited the grand champion hog at the Lancaster County 4-H swine roundup. Jerry Clemens, right, of Hatfield Packing entered the top bid of $1.75 for the animal.

Class 2
1. Jason Wolgemuth, 2. Brad Wagner, 3. Heather Halderman.

Class 3
1. Anthony Miller, 2. Diane Musser, 3. Matt Hoover.

Lightweight Champion
Chad Folker
Reserve Lightweight Champion
Anthony Miller

Class 4
1. Derrick Lee Frank, 2. Pam Myer, 3. Linda Bauch.

Class 5
1. Andrew Germak, 2. Laura Folker, 3. Doug Musser.

Class 6
1. Gerald Boyd, 2. Chad Folker, 3. Karen Becker.

Class 7
1. Travis Donough, 2. Karen Becker, 3. Gerald Swenger.

Middleweight Champion
Derrick Lee Frank
Reserve Middleweight Champion
Andrew Germak

Class 8
1. Zachary Germak, 2. Derrick Lee Frank, 3. Linda Baum.

Class 9
1. Travis Donough, 2. Denny Mellott, 3. Denny Mellott.

Light Heavyweight Champion
Zachary Germak
Reserve Light Heavyweight Champion
Derrick Lee Frank

Class 10
1. Denny Mellott, 2. Travis Donough, 3. Suzanne Miller.

Class 11
1. Gerald Boyd, 2. Laura Folker, 3. Daniel Bard.

Class 12
1. Gerald Boyd, 2. Cory Pfautz, 3. Tracy Bollinger.

Heavyweight Champion
Gerald Boyd
Reserve Heavyweight Champion
Cory Pfautz
Grand Champion
Gerald Boyd
Reserve Grand Champion
Derrick Lee Frank

SHOWMANSHIP

Class 1
1. Laura Folker, 2. Kenton Good, 3. Greg Shipe.

Class 2
1. Diane Musser, 2. Brad Wagner, 3. Karen Becker.

Class 3
1. Jason Cox, 2. Gerald Swenger, 3. Tina Ubrell.

Class 4
1. Scott Wagner, 2. Tracy Bollinger, 3. Calvin Landis.

Class 5
1. Cory Pfautz, 2. Linda Baum, 3. Matt Hoover.

Class 6
1. Amy Bollinger, 2. Gerald Boyd, 3. Travis Donough.

Champion Showman
Laura Folker
Reserve Champion Showman
Scott Wagner

Hatfield Packing outbid the competition to purchase Derrick Lee Frank's reserve grand champion hog. Jerry Clemens, left, paid $1.50 per pound for the barrow.

Programs Promote Dairying

HARRISBURG (Dauphin Co.) — Dairy promotion activities during this year's "Ag Progress Days," August 15-17 at Penn State's Rock Springs Farm, will be a cooperative effort. The Pennsylvania Dairy Promotion Program has invited three programs, as well as area county committees, to participate in its "Summer Love Social."

Federal Order 36, ADA-DC and MAMMA will join the PDPP in providing visitors to the annual event with information on Pennsylvania's dairy industry and products, gifts, recipes, and daily drawings for dairy-theme prizes.

At 1 PM on August 16, ten preselected entrants in the homemade ice cream contest will hand-churn their REAL dairy recipe ingredients for a panel of judges. The first place winner in the homemade ice cream-making contest will receive $300; the second place winner, $100; and those receiving an "Honorable Mention" will receive a new, White Mountain ice cream freezer.

County dairy committees will earn money for their local promotional activities through the sale of "frozen dairy Trio's" — one scoop each ice cream, ice milk and frozen yogurt — for $1.00 a dish.

The dairy promotion "Summer Love Social" exhibit will be held in a large tented area, where visitors may sit and relax throughout the three-day event.

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4-H Livestock Judging

Lancaster County Teams Are Pennsylvania Champs

BY LISA RISSER

MANHEIM (Lancaster Co.) — The members of the Lancaster County livestock judging teams had a county reputation to uphold when they went to 4-H Achievement Days this week. And they did so, with both junior and senior teams winning state championships.

For the third year in a row, the junior team from Lancaster County are state champions in 4-H livestock judging. This year's team and their coaches are, from left, back row: Heidi Quanbeck; Sue Ann Claudon, assistant coach; and Lyndon Reif; front row: Wendall Landis; Chet Hughes, Extension livestock agent; and Marci Harnish.

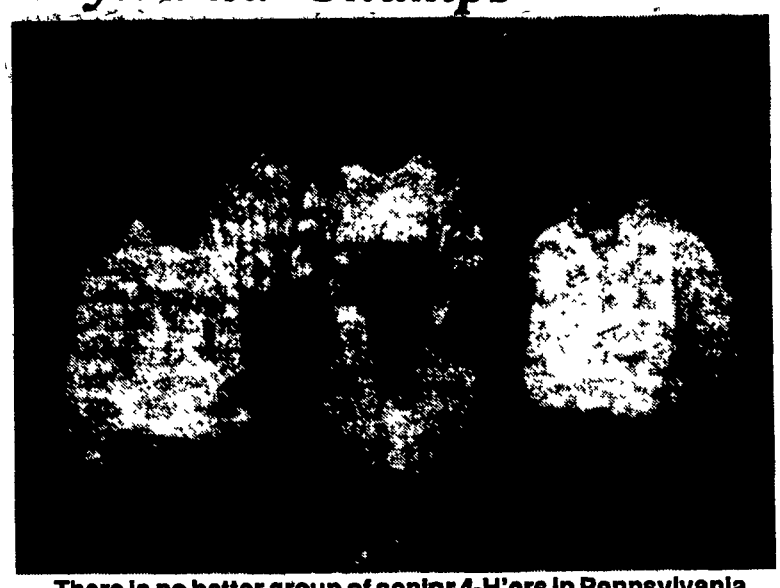
The senior team of Doug Musser, John Hess, Greg Harnish, and Fred Weaver beat out Chester and York counties, which placed second and third respectively. Of the foursome, Musser was second-high individual in the state, closely trailing Chester County's Matt Howe. The remaining team members placed within the top 15 in the state.

This is the third time in five years that a Lancaster County senior livestock judging team has become first in the state. In addition, two of this year's members, Weaver and Musser, are following in their sisters' footsteps. Emily Weaver and Tricia Musser were members of the 1987 state championship team.

The senior team now goes on to participate in four regional contests before trying their skills at the national competition in Louisville, Ky., in November.

The junior team continued a three-year county winning streak with this year's state championship. The team consists of Lyndon Reif, Wendall Landis, Heidi Quanbeck, and Marci Harnish.

Reif was second high individual in the state with teammate Landis coming in behind him. Quanbeck shone in the junior talk part of the competition, scoring a 48 out of 50 points.



There is no better group of senior 4-H'ers in Pennsylvania for judging livestock than this team from Lancaster County. The foursome was first in livestock judging at the Pennsylvania 4-H Achievement Days and now goes onto regional and national contests. The group and their coaches are, from left, back row: Greg Harnish; Sue Ann Claudon, assistant coach; and John Hess; front row: Doug Musser; Chet Hughes, Extension livestock agent; and Fred Weaver.

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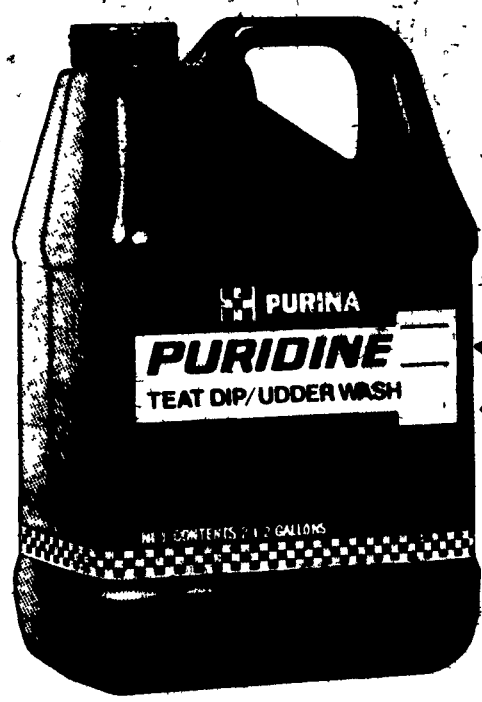

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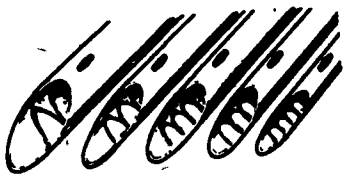

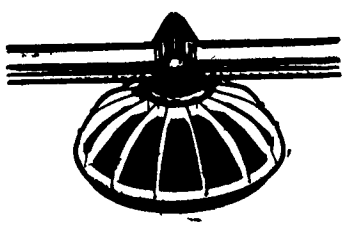

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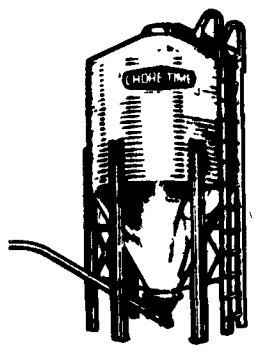

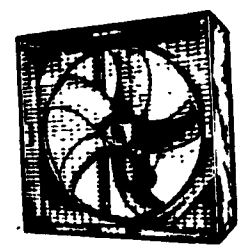

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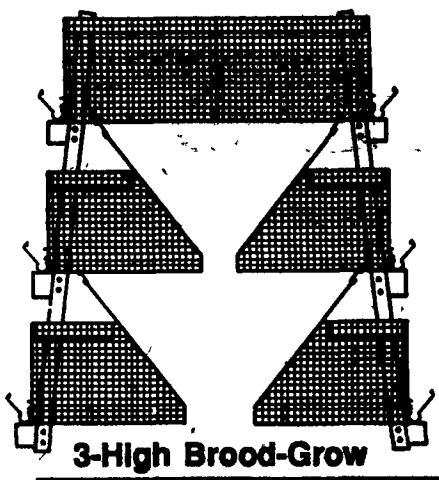

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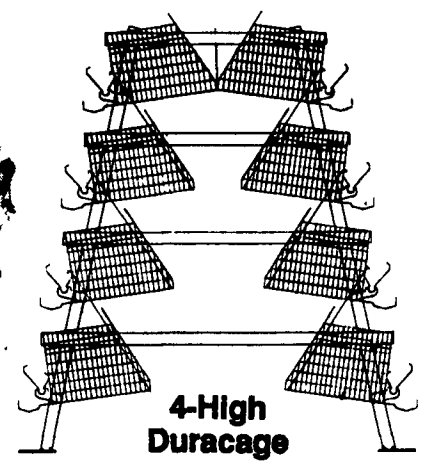

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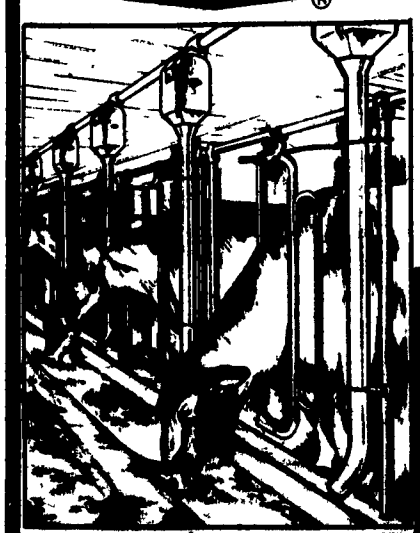

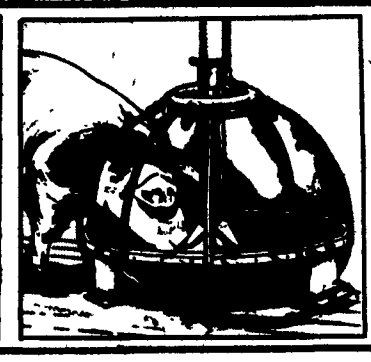

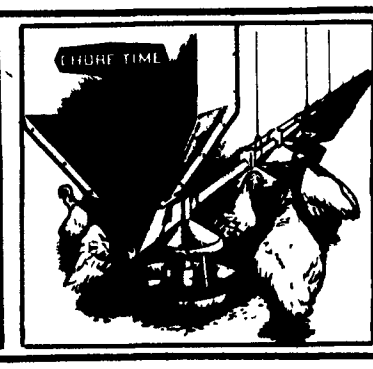

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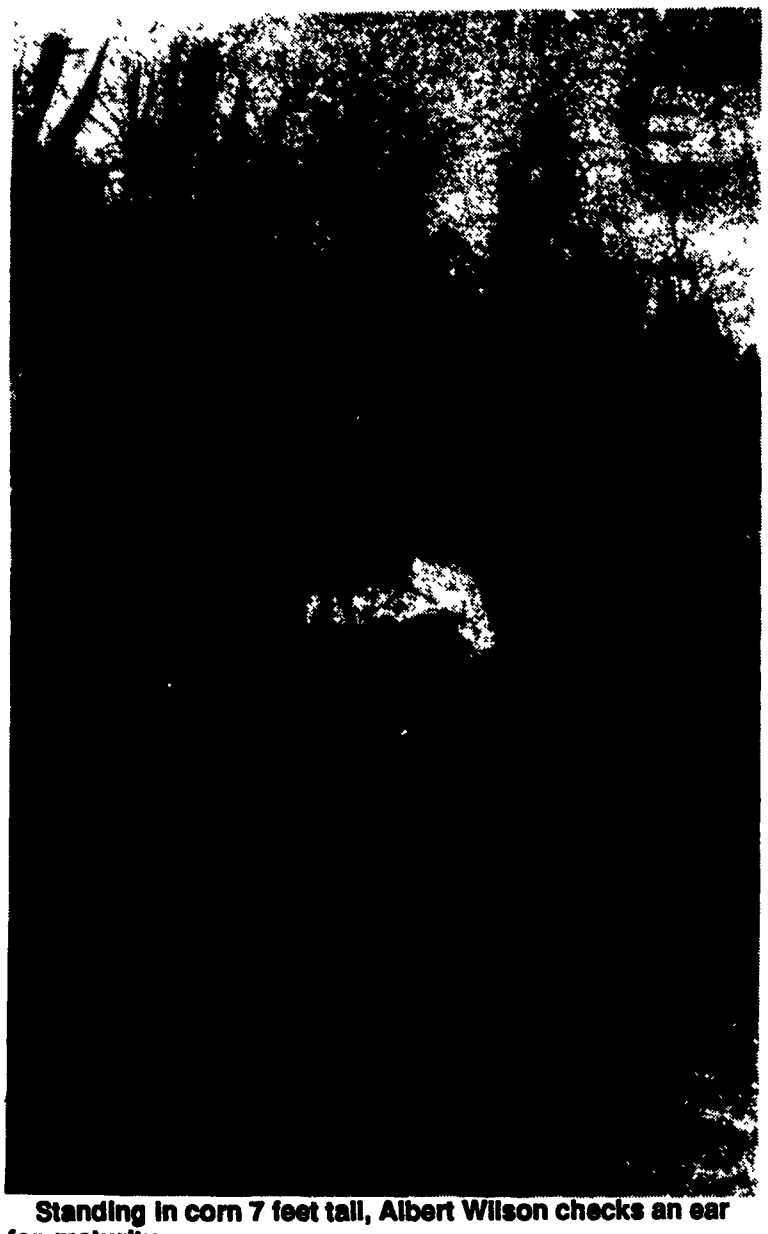


Standing in corn 7 feet tall, Albert Wilson checks an ear for maturity.

BY LISA RISSER

ELIZABETHTOWN (Lancaster Co.) — The food served in cafeterias has been a long-standing source of humor among residents and workers at institutions and hospitals. But no one jokes about the quality of food at Masonic Homes. Instead they rave about the good taste and restaurant-like surroundings.

The fresh food comes straight from the gardens, orchards, barns, and meat-processing plant found on the Homes' grounds. The community is set in 1,736 acres of which 100 acres are orchard, 40 acres are vegetable gardens, and more than 750 acres are planted in wheat, barley, alfalfa, mixed hay, soybeans, and corn.

Beef is supplied from feeder cattle and a small herd of purebred Shorthorn. According to Gerald Tracy, farm manager, about 150 head of cattle are raised each year.

"We raise feeder cattle of all sizes and growth so we have a weekly availability of beef," he commented.

The cattle are grazed on about 100 acres of pasture and fed silage, corn, and barley.

Hamp-York-Duroc cross hogs provide a steady supply of pork for residents. Masonic Homes has a 85- to 90-sow farrow-to-finish operation. Only the best pigs are kept for finishing with about two-thirds of excess piglets going to market as feeder pigs. The hogs are finished in a controlled environment; however, breeding and gestation occurs in outdoor lots. This has proved successful for the facilty, which has a pig weaning rate of 10+.

Most vegetables are grown at the Homes except for some of the most labor intensive such as red beets and onions. During dry periods many of the vegetable plots are irrigated with water from a fishing lake on premises. Masonic Homes has been irrigating for many years and, in one 12-acre section, uses an overhead irrigation system that dates back 65 to 70 years.

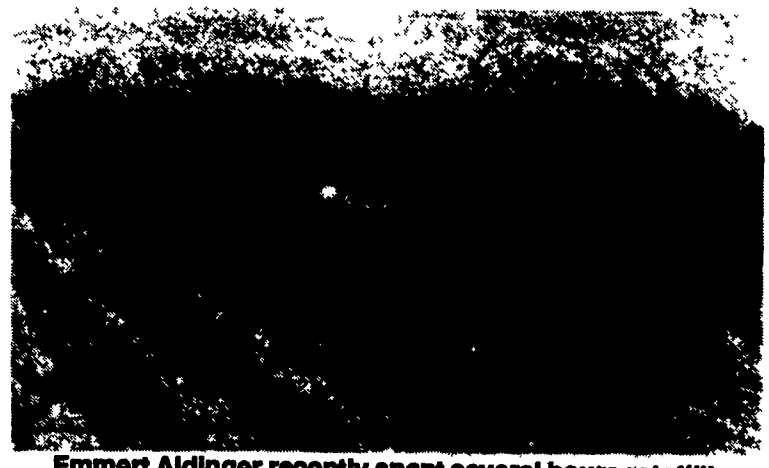
"The orchards start in spring with strawberries and run the gamut of small fruits and tree fruits through to apples," reported Tracy, who has managed the farming operation for nearly 10 years.

Most of the produce finds its way to tables or freezers, but some ends up in a small retail outlet where residents and the general public can make purchases.

The property includes a 6,000-square-foot greenhouse, used mainly by the landscaping department, where foliage, hothouse plants, cut flowers and bedding plants are grown. The vegetable gardeners also have a greenhouse where they start many of the vegetable plants they grow.

Before ending up on a plate, the beef and pork produced by Masonic Homes is processed at a USDA-approved plant on the grounds. About 180,000 pounds of liveweight beef and 78,000-80,000 pounds of liveweight pork go through the plant. Among the processing it does is curing bacon and hams and making sausage and meatloaf blends.

A 120-head herd of Ayrshires provides the milk for residents.



Emmert Aldinger recently spent several hours rototilling around cabbage plants. Aldinger supervises the vegetable production on the facility's property.

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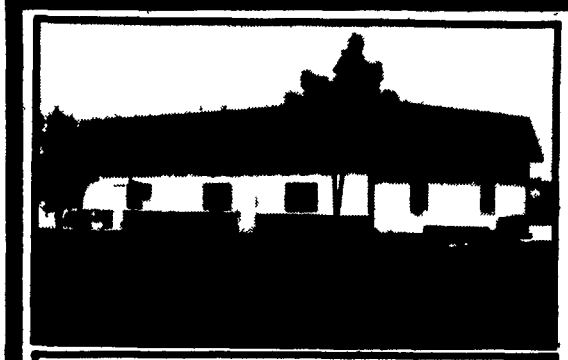

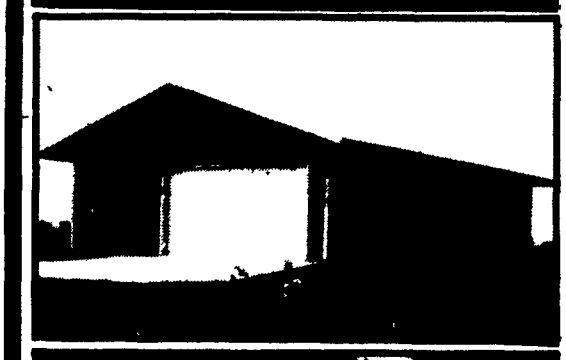

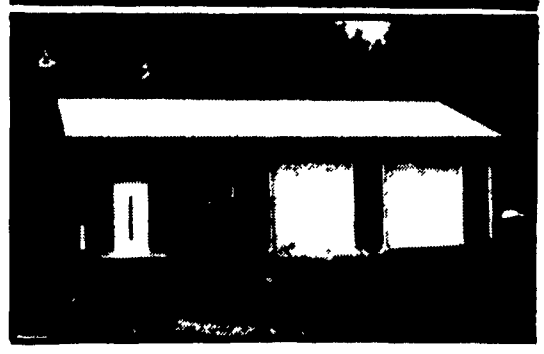

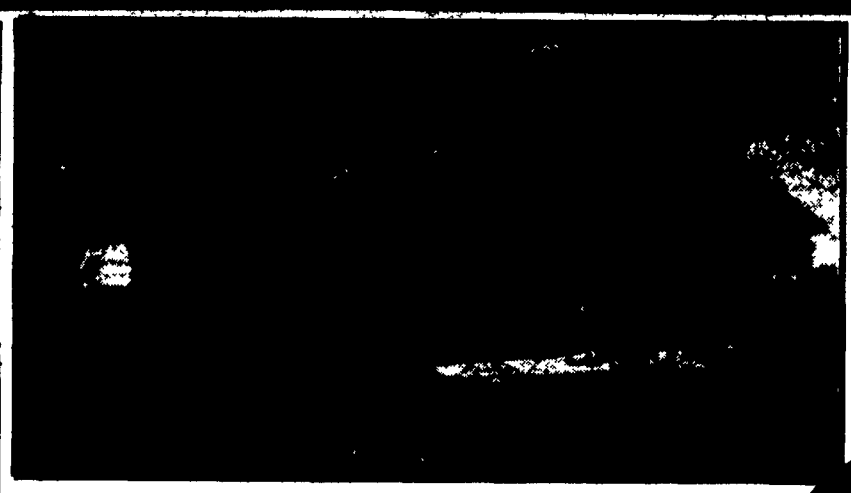

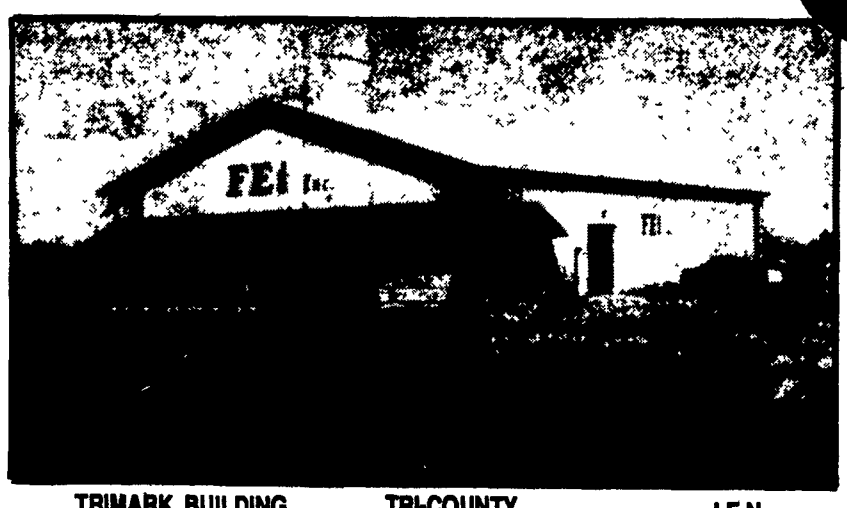

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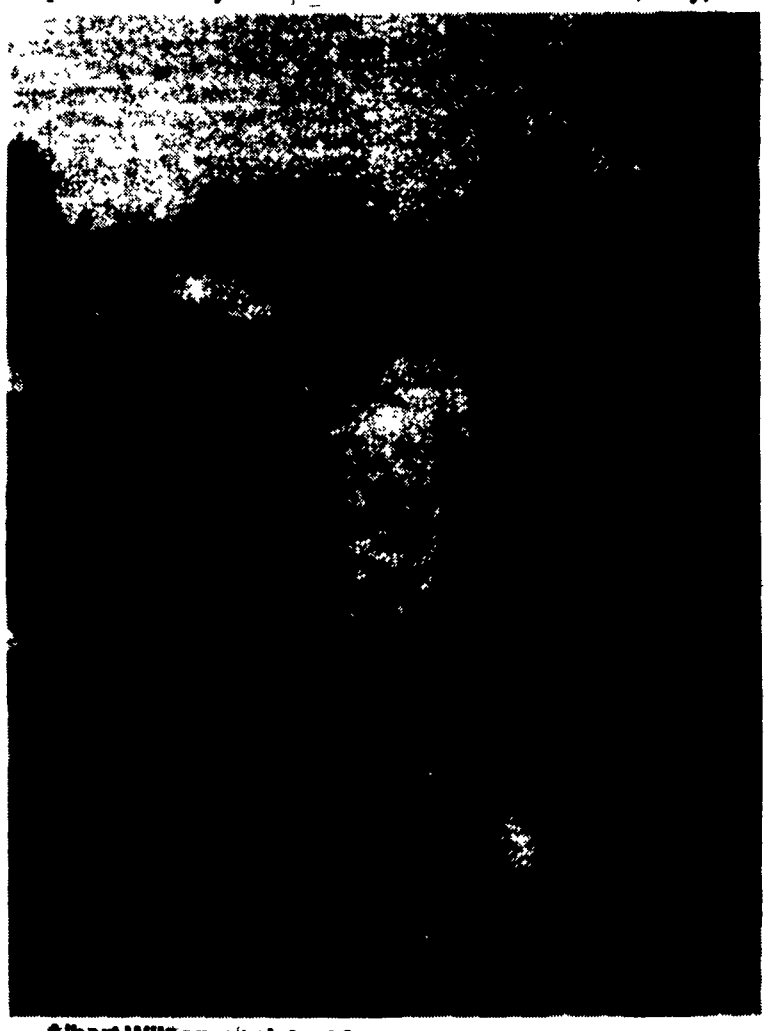
Masonic Homes has a contract with Harrisburg Dairies, who processes the milk.

In addition, eggs are produced by a 10,000-layer flock. The broiler operation recently was discontinued due to a new resident building currently under construction would be too close to the broiler house for problem-free production.

Essential to the beef, dairy, and hog operations are the crops grown on the property. Under the direction of assistant farm manager Albert Wilson, field workers plant 300 acres of corn, 78 acres of barley, 57 acres of wheat, 70 acres of alfalfa, and 20 acres of soybeans.



Albert Wilson, assistant farm manager, takes care of raising beef and crops as well as the facility's dairy herd.

Albert Wilson, left, and Gerald Tracy take a look at Masonic Homes' herd of purebred Shorthorn.

Of all the crops produced, only wheat is sold with the straw being used as bedding.

Before planting corn, Wilson takes soil and manure samples to determine fertilizer applications. Fields are prepared by chisel plowing, discing, and cultivating with a disc running ahead of the planter. Weeds are kept to a minimum with Dual and Bladex. An average of 125-130 bushels are harvested per acre.

Wheat or barley follows corn in the crop rotation with alfalfa planted after the small grain. "I try not to have a field in corn for more than three years," commented Wilson, who has 35 years of experience at Masonic Homes. "And I think that if you put wheat in next, the soil holds the moisture better, so there's less disease and rootworm."

Alfalfa is seeded in August after the small grains are harvested. As with the corn, Wilson samples the soil, and he limes as needed to keep the soil pH at 7. Pesticide is applied to stands after they are established.

After first cutting, the stands are sprayed for weevils, and after second cutting they are sprayed for leaf hopper. Stands are sprayed for weeds in the fall, and at the same time about 400 to 450 pounds of

(Turn to Page A42)

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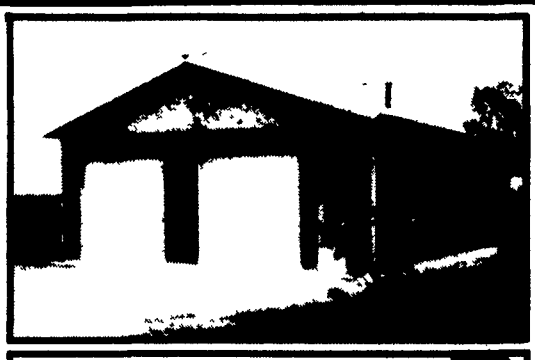

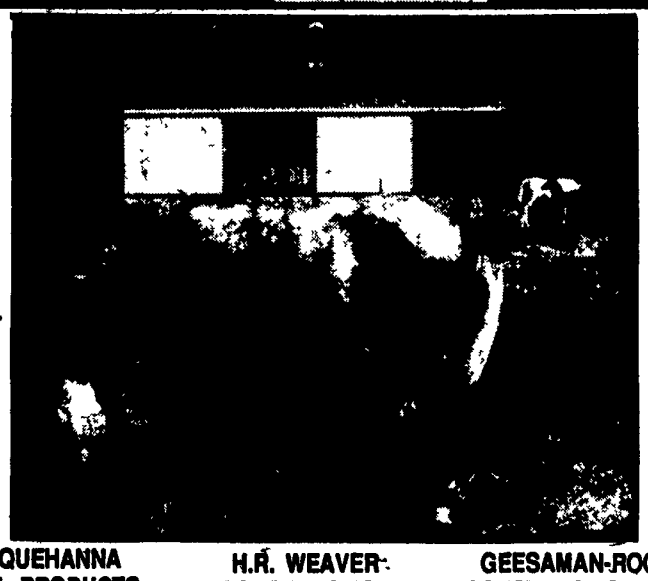

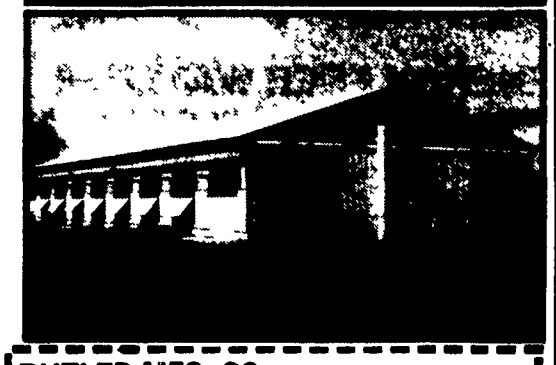

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SLAUGHTER HEIFERS: 68 HD. TREND: 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 65.00-70.50, 1000-1250 LBS. 69.00-73.00; CHOICE 4 ALL WEIGHTS 63.00-67.00; SELECT & CHOICE 1-2 850-1000 LBS. 65.00-70.00, 1000-1250 LBS. 66.50-70.75. HOLSTEINS: CHOICE 2-3, 1000-1350 LBS. 56.50-62.50; SELECT & CHOICE 1-2, 1000-1350 LBS. 53.00-57.00.

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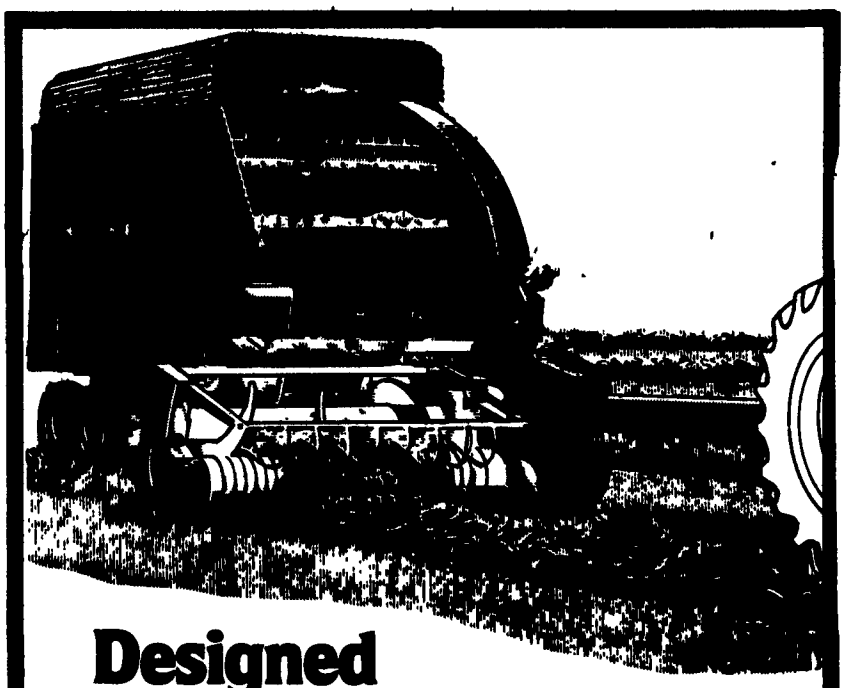

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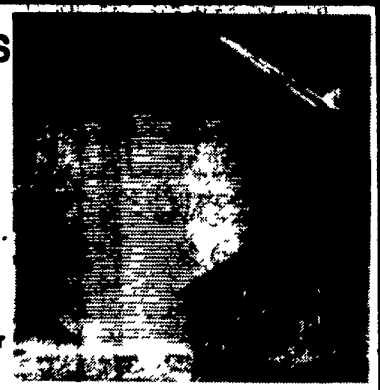

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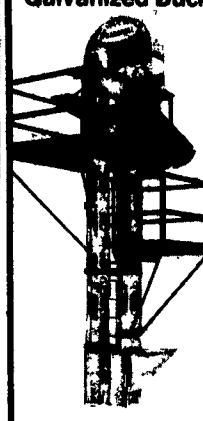

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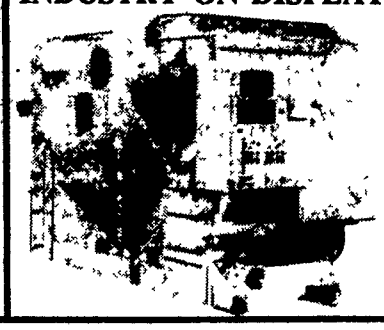

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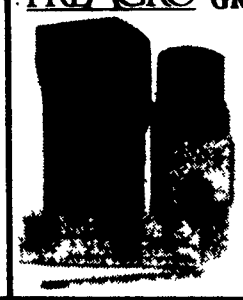

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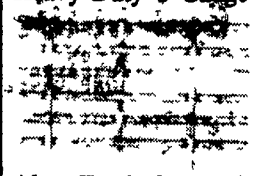

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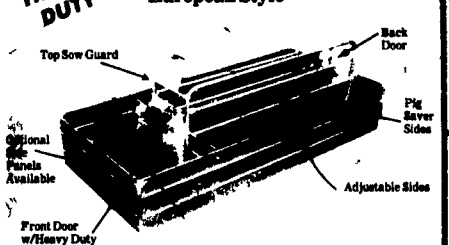

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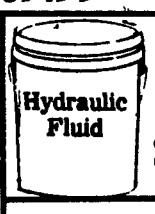

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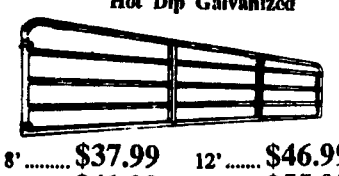

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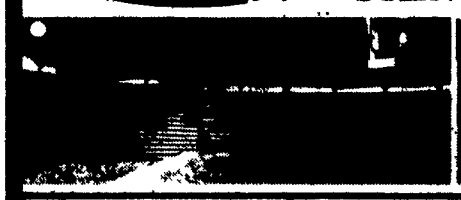

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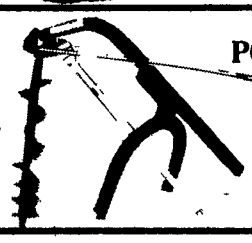

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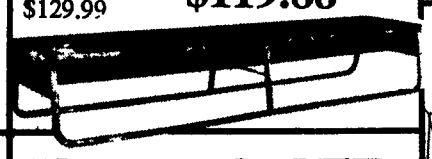
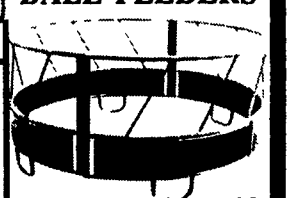


ROUND BALE FEEDERS



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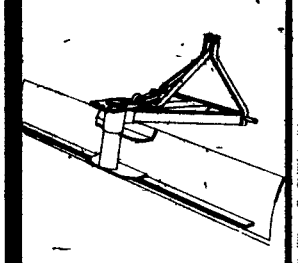

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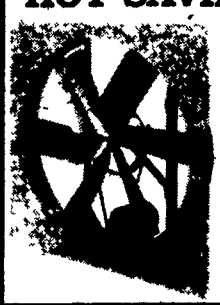

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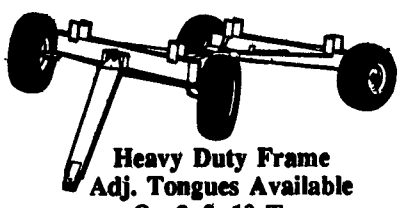

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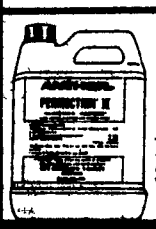

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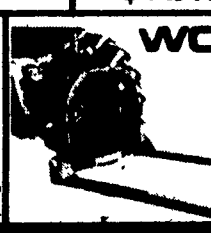

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Selenium Boluses For Dairy Cattle

BY DICK ADAMS
PSU Professor of Dairy Science

UNIVERSITY PARK (Centre Co.)— A controlled release selenium bolus has been approved by FDA for use in cattle over 3 months or 200 lb. of bodyweight. This product is geared to release 3 mg of selenium daily for a period of 120 days.

According to the FDA clearance, only one bolus may be given at one time and animals cannot receive another bolus within four months of the last one administered. Most important, the clearance states that the bolus must be the sole source of supplemental selenium. Thus it cannot be legally used if cattle also are receiving supplemental selenium via feeds, mineral mixtures, or presumably, injectable products.

A 3 mg daily dose from a bolus is the maximum currently allowed for beef cattle and is close to the cleared level of .3 ppm supplemental selenium in the diet for a dry cow or bred heifer. It should not be harmful for younger animals over 200 lb. of bodyweight. However, it would only provide a portion of the 5 to 7 mg needed to provide .3 ppm in the diet as needed for many milking animals.

It appears that the bolus may be conveniently used in dairy herds for young stock over 200 lb. provided they are not receiving supplemental selenium from other sources. Since most cows are dry for 60 days or less, legal use of the bolus would be restricted to only animals that will stand dry for 120 days or so and would require that they not receive another source of supplemental selenium. Use of the bolus appears better adapted to beef cow-calf oprations than for dairy cows that are dry or milking. It could be convenient, however, for raising replacement heifers on pasture.

While there is very little published data available on the efficiency of the bolus under U.S. conditions, similar products have been used successively for some time in some foreign countries. Also effacy data had to be provided by the manufacturer to enable approval by the FDA. Studies are underway at some agricultural experiment stations on the use of the bolus for cattle.

Some people advocate the use of the bolus in a manner similar to injectable selenium products for dry cows. In other words administer a bolus at drying-off rather than an injectable at this time and/or 2 to 4 weeks prior to expected calving, irrespective of supplemental via feed. This is not in accordance with cleared usage and should not be recommended.

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Tuberculosis Found

(Continued from Page A20)

have been notified to have testing done. One, a beef cattle operation, and the second bordering farm which raises a small group of heifers. According to reports, these animals, along with all livestock within approximately a mile radius of "Keystone Guernsey's" will be tested. "We are not highly populated with livestock here, it's pretty residential and not to many animals are around," Campbell said. "The neighbors are very sympathetic to us and concerned for us."

Rodger and his wife Kathy grew up on dairy farms and have built "Keystone Guernseys" into a respected herd. "We have been an Accredited Herd, and do everything we can to prevent this type of situation." The Campbells have kept their herd closed, just for this reason. "We maintain a very clean and sanitary dairy. Last year, our farm was honored as a "Dairy of Distinction" farm, and the majority of the time, we receive Quality Premium Bonuses from our shipper.

Campbell ships an average of 4,500 pounds of milk every two days. Their Rolling Herd Average is 14,954 pounds of milk, 4.3 percent butterfat, 518 pounds of protein and 650 pounds of fat. They have had four cows scoring Excellent, with 90-91 points, producing upwards of 20,000 pounds of milk.

Taking all these factors into consideration, the State and Federal agencies must appraise the disposed cattle for indemnity payments. The Federal government will pay up to $750 per animal. Pennsylvania will pay up- to $1,000, but only 90 percent of the appraised value. The total maximum combined payment would be $1,750 per animal.

"They were very fair with their appraisal," Campbell said of both agencies. "You see, they have to be fair to us, and they have to be fair to the tax payers because they put up the money. I though the prices agreeded upon were fair for the cows... but then, that's not the price I will get for them. The State and Federal officials said they would do the best they could for us, and they have been very cooperative. In our case, however, the indemnity won't begin to cover the replacement of years of breeding, or, the strain placed on our family."

"The biggest problem with the indemnity program," Kathy explained, "is that they don't have any money in their budget right now, especially when this time of year rolls around and the fiscal year is about over."

"Several of the seven positive reactors were our better cattle," said Campbell. "We did lose one of our daughter, Lori's, show calves which was named second in the State Junior Dairy Show last September."

Successful at competition, Lori, 14, has also exhibited the Junior Champion at the Junior Guernsey Show at the Pennsylvania All American and went on to gain Honorable Mention All American. Her winner freshened and was appraised at 90 points for a two year old and projected to make about 15,000 pounds of milk. "So far, she's been spared," her father said, "but it's only time."

"Keystone Guernsey's" stock cross the continent from California to New Hampshire. "Having an all-registered herd makes it easy to tract where the animals have gone. Plus, we keep a record of all the calves born, and what becomes of it, whether we raise it, or send it to auction," Campbell said.

(Turn to Page A32)

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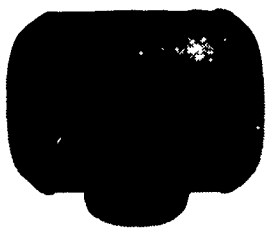
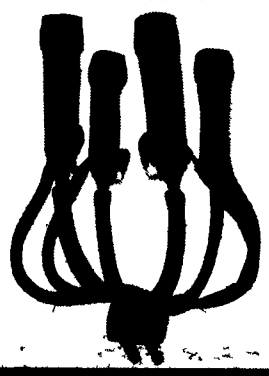


3. VACUPULS

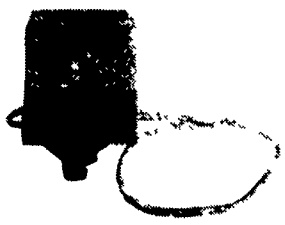
4. FULL VISIBILITY CLAW



5. BIO-MILKER

RAPID EXIT MILKING PARLOR STALLS- Hear About It At Ag Progress Or Call For Details

6. RPS 2800 VACUUM PUMP



7. AUTOTRONIC

8. DELUXE WASHER

9. ECONOMY WASHER

10. STIMOPULS C

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2. WALL MOUNTED RECEIVER
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Pneumatic pulsation at its best. Highly reliable, this non-electric unit can be used with any type milking system. Available with milk-to-rest ratios of 67:33, 60:40 and 50:50.

4. FULL VISIBILITY CLAW
This no-nonsense milker features a large inflation inlet and milk outlet for maximum output. Optional vacuum shut-off valve is also available.

5. BIO-MILKER
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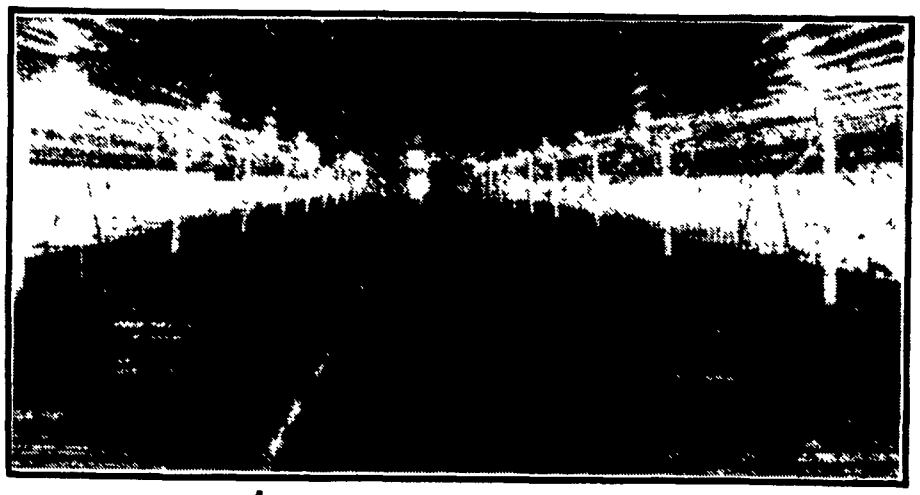

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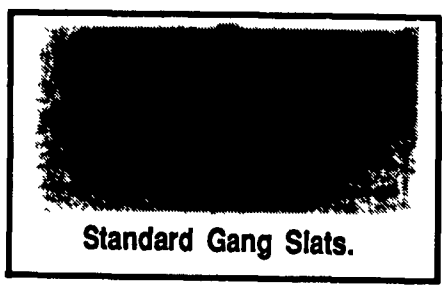
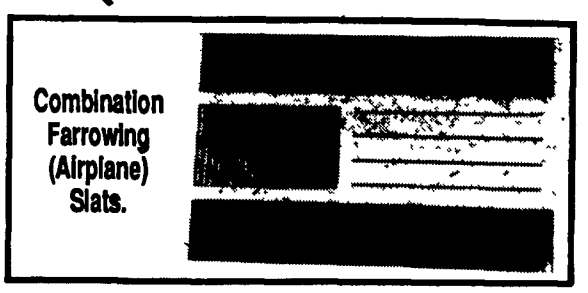


Standard Gang Slats.



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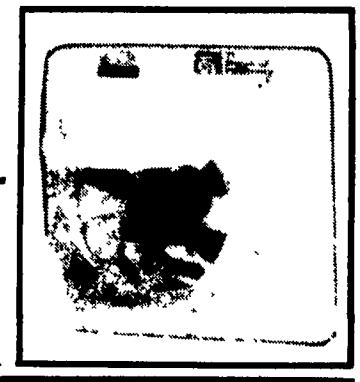

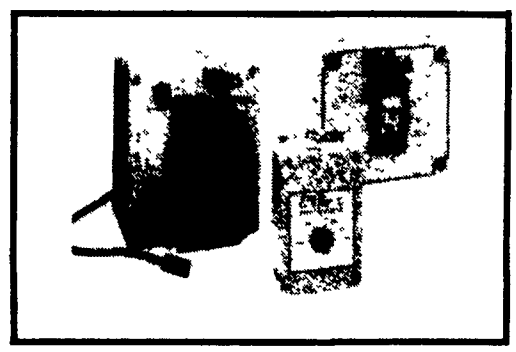

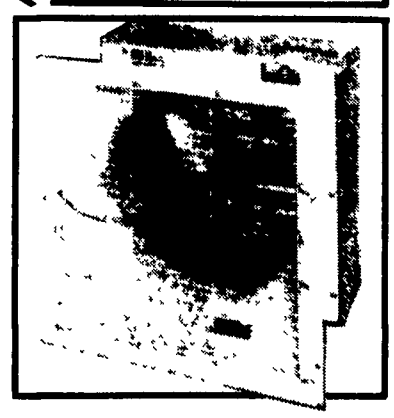

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Tuberculosis

(Continued from Page A29)

"More than 50 of Campbell's cull cows have been sent to auction over the past two years. Although cull cows are supposed to be sold for slaughter, Federal officials will trace all auction animals due to the remote possibility that a cull was bought for breeding purpose.

"I think it is amazing that no Federal inspection has found TB in any of the cull cows that were shipped," Kathy Campbell said. "After all, that is one of the things that the Federal Meat inspectors look for."

Stock from "Keystone Guernsey's" has brought as much as $4,400. In the early 1980's, Campbell sold his National Grand Champion, All American, and Class Leader for Milk Production at the Louisville Sale. "We still have family members of that cow in our herd, but one of them was destroyed because of the disease."

"It's hard when this is your lively hood," said Campbell who has spent the past 25 years building his registered herd. "I've never done anything but dairy farm." Originally from Perry County, Rodger and Kathy purchased the herd from his father, the late Wilmer Campbell. "Dad and mother owned the herd for 40 some years and we purchased it almost two years ago when they retired."

"It's pretty hard on all of us right now," Campbell said quietly. "We're just going to wait and see how this next test comes out and hope for the best, but, if the herd must go, it must go."

"We are cooperating in every way that we can. The State and Federal people are being very cooperative and doing the best they can to help us out. Everyone is doing their job the best they can, to find the source and to keep the disease from spreading," he said.

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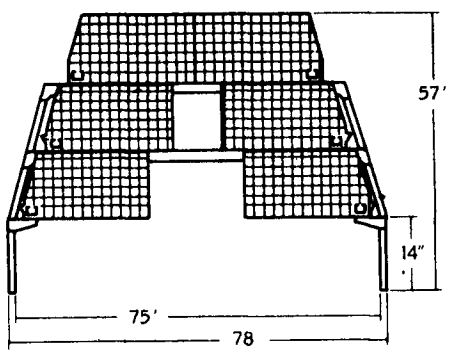

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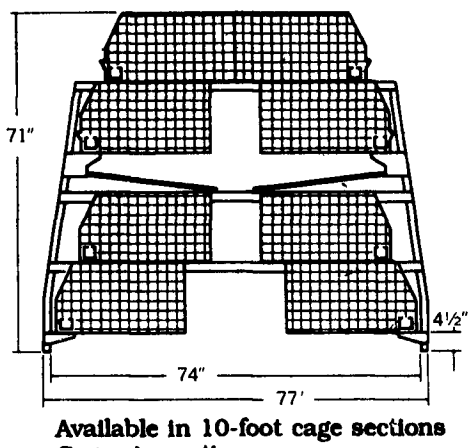
Capacities in Birds Per Running Foot of Cage Row:

Sq. Ins. Per Bird	Birds Per Foot
39	48
41	45.6
43.3	43.2

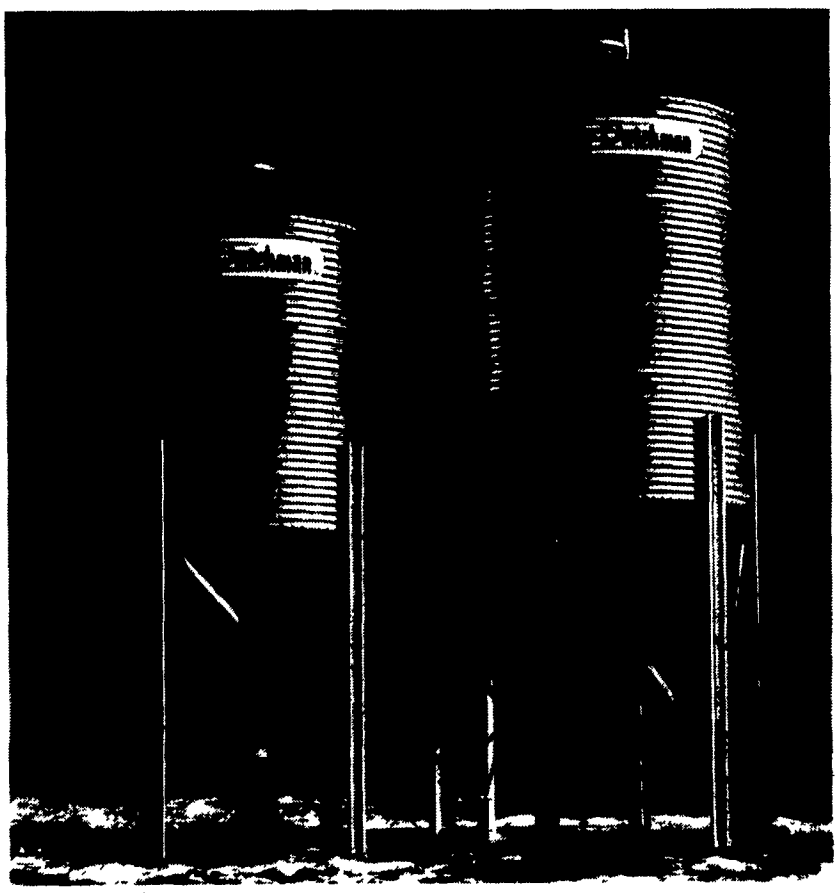
CHICK-AIRE II WITH DROPPING BOARDS



Available in 10-foot cage sections
Cage size options:
24"x26" or 30"x26"
Available with:
• Two decks start and two decks grow
• or Four deck start
Capacities in Birds Per Running Foot of Cage Row:

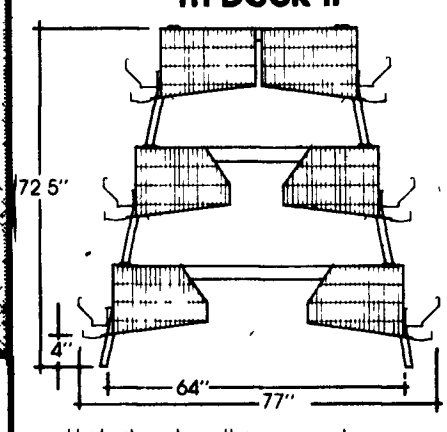
Sq. Ins. Per Bird	Birds Per Foot
39	64
41	60.8
43.3	57.6

BULK BINS



LAYER CAGES

Tri-Deck II

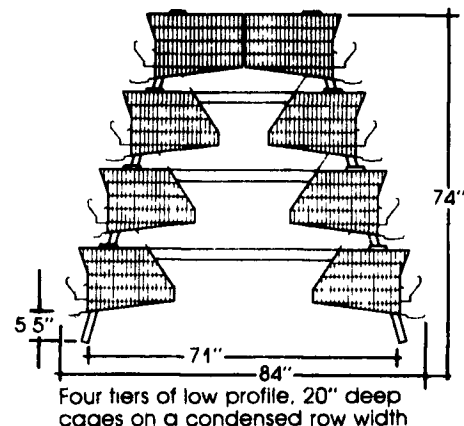


High density in the proven low profile cage design Available in 8-foot or 10-foot cage sections Cage size options 12"x20", 15"x20", 16"x20" and 24"x20"

Capacities in Birds Per Running Foot of Cage Row.

Sq. Ins. Per Bird	Birds Per Foot
50	28 8
53 3	27
60	24

Profit-Tier 20



Four tiers of low profile, 20" deep cages on a condensed row width for very high capacity without crowding Available in 8-foot or 10-foot sections Cage size options 12"x20", 15"x20", 16"x20" and 24"x20"

Capacities in Birds Per Running Foot of Cage Row·

Sq Ins Per Bird	Birds Per Foot
60	32
53 3	36
48	40

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Removable Cap - holds assembly together
O Ring Seal
Stainless Steel Ball Shut-Off
Stainless Steel Triple Seat
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- Completely enclosed to promote cleanliness and sanitation.

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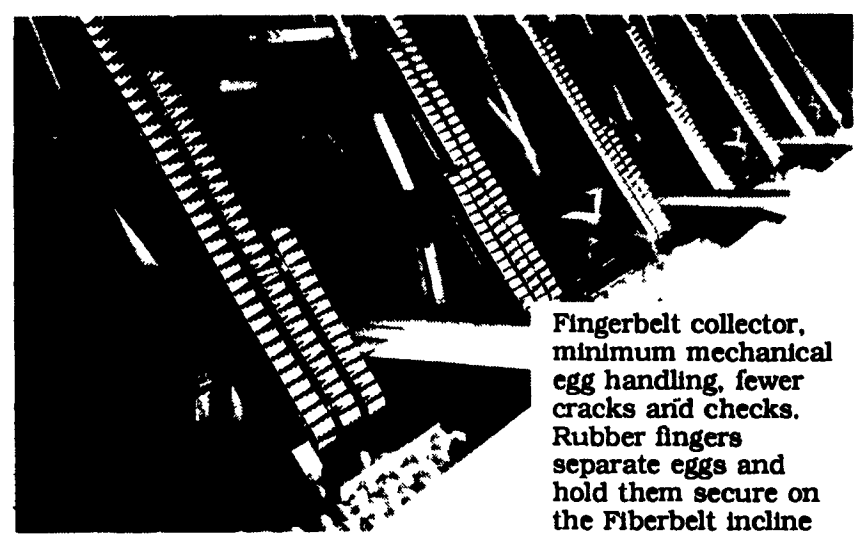

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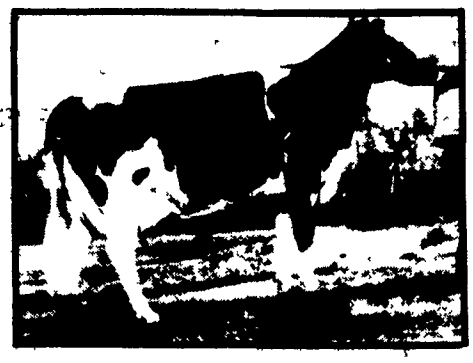

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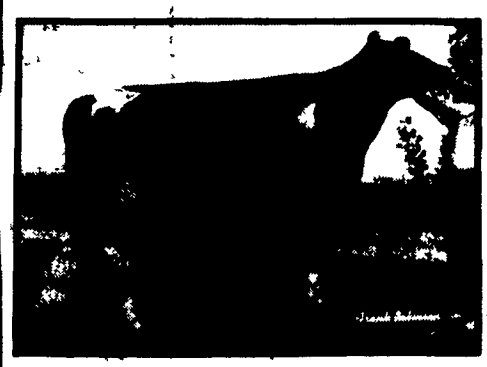
SWD MARS*



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* A.I. Proven

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State Livestock Assn.

(Continued from Page A1)

With ever-increasing travel expenses, it is a continuing challenge to provide the funding necessary for the three teams to compete in the national contests. In 1988, the horse teams entered competition in Columbus, OH and Oklahoma City, OK; the Livestock Team participated in competition in Mass., Missouri, Maryland, Kentucky and in our home state of Pennsylvania. The Meats Team participated at shows in Kentucky, Maryland and Nebraska. In addition to the funds from the PLA, donations have been received from the many alumni and friends of the Dept., the Penn State Block and Bridle Club, and the University Budget.

Paul J. Wangsness, Head of the Dairy and Animal Science Dept. of the university, states that "This (commitment by the PLA) is an absolutely tremendous boost to the fund, and we are extremely grateful for the Association's continued and strong commitment to our educational programs. We anticipate that the commitment and leadership shown by PLA through this gift, will be a catalyst for additional support from other individuals and groups toward our judging team programs in the Department of Dairy and Animal Science."

Many of the present, future leaders of animal agriculture have been members of judging teams. It is estimated by Dr. Harold Harpster of the PSU faculty that 90% of the past judging team members have gone on to careers directly related to animal agriculture. Bill Dean, an animal production major from New Castle, PA feels that "the judging team not only increased his ability to evaluate livestock, but also increased his self-confidence and ability to get along with people. . ." He is quoted as saying that the judging team experience was the most enjoyable and fulfilling experience of his college career.

The Pennsylvania Livestock Association was established to develop and conserve agriculture by promoting the production, marketing, processing and the maximum use of beef cattle, sheep, swine and horses within the Commonwealth of PA. The association's primary function is to sponsor and conduct the Keystone International Livestock Show which is held in October of each year at the Farm Show Complex in Harrisburg. The membership of the PLA numbers approximately 225, and the primary fund-raiser held yearly is the food booth at the PA Farm Show.

The Judging Team Endowment Fund was established by the PLA in 1981, with an initial contribution of $5,000.00. Over the past eight years, various amounts have been donated to the fund. This large pledge of $50,000 should assure the future of the program and will certainly give a boost to the entire judging program: Anyone interested in giving individual donations to the PSU Judging Team Endowment Fund should send it to Beverly Snyder, PLA Executive Secretary, Box 158, Emlenton, PA 16373. Checks should be made out to PSU Judging Team Endowment Fund.

Atlantic Schedules Picnic

SOUTHAMPTON (Bucks) — Atlantic Dairy Cooperative District 38 held its annual picnic on Thursday, Aug. 10, at Wolf Lake, near Harford.

Dr. Paul E. Hand, Atlantic's general manager, reported on cooperative business and dairy issues. In particular, he addressed upcoming market needs and milk prices.

The picnic was open to members in District 38, which covers Luzerne, Lackawanna, Wyoming, Wayne and Susquehanna counties in Pennsylvania, and Broome and Cortland counties in New York.

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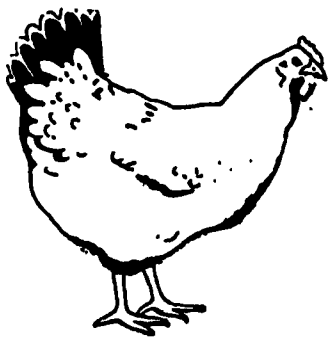

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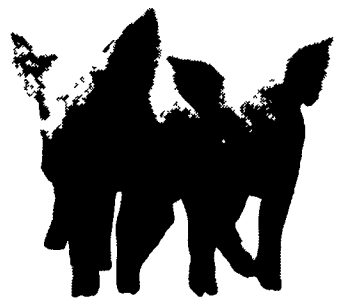

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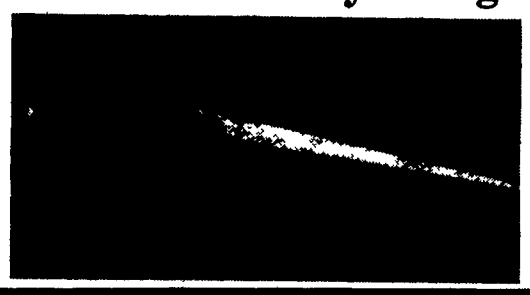

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Progress Days

(Continued from Page A1)

ing both the speed at which a fire spreads and the damage that can be avoided with an automatic sprinkler system.

The popular Pennsylvania Heritage Crafts Tent will return with professional artisans exhibiting their work and demonstrating how the crafts are made. Ag Progress Days visitors will be able to see a variety of Pennsylvania crafts including folk toys, weaving, quilts, tinware and custom-forged knives and guns. They also can learn about the history of those crafts and talk with the artists about establishing home-based and small-scale businesses themselves.

At the exhibit on water quality, people can follow water as it seeps into the ground and get a graphic picture of how easy it is to contaminate groundwater.

Visitors also can get timely advicel when they "Ask the Experts" in the areas of lawn, landscape and garden; crop and soil science; and dairy and livestock production. College of Agriculture faculty members and cooperative extension agents will be available to answer general questions and deal with specific problems.

Bus tours to the research farms always have been a highlight of Ag Progress days. A popular new addition last year — the special topics research tours — will return. This year, Tuesday's tour will take visitors back to the Dairy Research Center at Penn State's University Park campus; Wednesday will feature a look at research on biological controls of insects and integrated pest management; and Thursday will highlight research on pollutant-related stressed on plants. While the general research tours run all day long, the special topics tours will run twice a day at 10:00 a.m. and 1:45 p.m.

Conservation education will also play a major role at Ag Progress Days. The popular soil and water conservation tours and the forestry and wildlife tours will return this year with a regular schedule throughout the day. In addition, the Pennsylvania Land Improvement Contractors Association is constructing a multi-purpose pond at the Ag Progress Days site. Five tours each day will take visitors to the pond site where various construction techniques and pond uses will be demonstrated. There also will be special workshops on intensive livestock grazing, effective use of crop residues and farming cropland terraces.

Young people will enjoy the computer classroom located in the Youth Building, with introductory lessons on the Apple Macintosh computer running throughout the day. The Youth Building also will feature information in career planning, college admission, the 4-H program and the Pennsylvania Governor's School for the Agricultural Sciences. Nearby will be the wildlife exhibit from the Shaver's Creek Environmental Center, with some of Pennsylvania's many animal species.

Both the young and "not-so-young" will be sure to crowd around the new exhibit in the Theme Building on the 4-H embryology program, which will feature chicks hatching in a glass-enclosed incubator throughout the day. Eighteen 4-H club members from throughout Pennsylvania also will present information on other 4-H projects.

Machinery demonstrations, which had to be curtailed last year because of drought, will return with a full schedule. Six demonstrations each day will feature corn chopping, conservation planting, tillage, silage bagging, mowing and tedding, and hay baling and handling.

The Meating Place is back, too. Extension home economists will demonstrate new ways to cook and serve lean cuts of pork, lamb, veal and beef.

There also is plenty of food to eat, served by many agricultural and community service organizations. Visitors who bring their appetites to Ag Progress Days won't leave hungry.

The Ag Progress Days site is on Rt. 45, nine miles southwest of State College. Show hours are 9:00 a.m. to 5:00 p.m. each day with free admission and parking.

Farm Calendar

(Continued from Page A10)

Transfer Harvest Home Fair, Greenville; runs through August 19.

Venango County Fair, Franklin; runs through August 19.

Wednesday, August 16

Bradford County 4-H Achievement Night, Troy fairgrounds, 8:00 p.m.

Linesville Area Community Fair, Linesville; runs through August 19.

Thursday, August 17

Urban 4-H Fair, Everhart Park, Miner Street, West Chester, 9:00 a.m. to 1:00 p.m.

Nursery meeting, Strathmeyer Forests Container Nursery, Thomasville, 9:00 a.m. to 11:30 a.m.

Weed Control meeting, Strathmeyer Forests Container Nursery, Thomasville, 2:00 p.m. to 5:00 p.m.

Mifflin County Summer Classics Holstein Sale, Reedsville Youth Park, Reedsville, 7:00 p.m.

Washington County Holstein Show, Washington, 7:00 p.m.

Bucks County Agricultural Fair, Penns Park Rd., Wrightstown; runs through August 19.

Findlay Township Fair, Clinton; runs through August 19.

Middletown Fair, Wrightstown; runs through August 19.

Mt. Nebo Fair, Mt. Nebo; runs through August 19.

Montgomery County 4-H Fair, Montgomery County fairgrounds; runs through August 19.

Friday, August 18

Bucks County Holstein Show, Wrightstown, 11:00 a.m.

Montgomery County Fair, Gaithersburg, Md.; runs through August 26.

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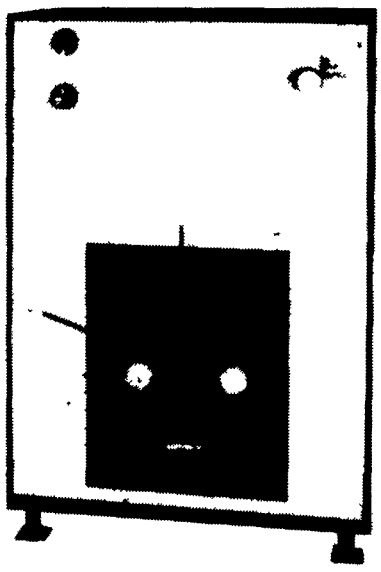

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Through the past 35 years Growers Fertilizer Solutions has worked against these problems and we have a head start. Two years ago one of our customers in Ohio won the Goodyear Award for Conservation, and the judges stated that the customer had the cleanest ground water coming off his farm of any they tested. Our customers won awards in other states and in one county in Illinois three of our customers won the conservation award three years in a row Other farmers won awards for the best hay in a state, tops of the show, outstanding milk production with best ever in a county, state champion potato grower and many more outstanding crops

Dry Years.
Last year was dry in many areas in mid-America and our customers stood out with good crops and high quality. One organization has paid a premium of $ 45 a bushel for 1988 corn delivered on the ear. Some of this is cob premium but quality in a dry year with Growers Fertilizer is a large factor

Wet Year.
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What To Do?
Write or call us for a list of customers and stop by our booth at the farm shows and get started in profitable farming with Growers 10-20-10 Fertilizer Solution! There is no substitute when your farming life is on the line! After all, the champion potato grower in Maine used Growers and credits our expertise with turning his farming operation around He contacted us! We have a full farm program to help you!

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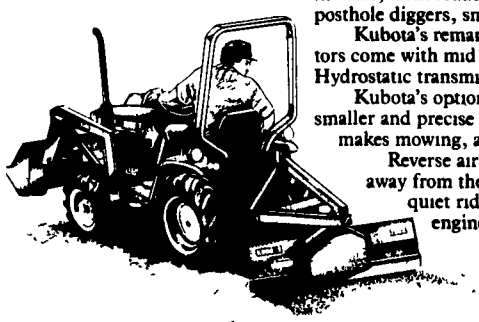

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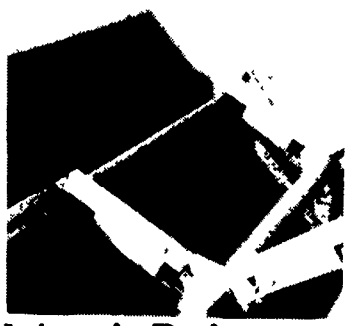

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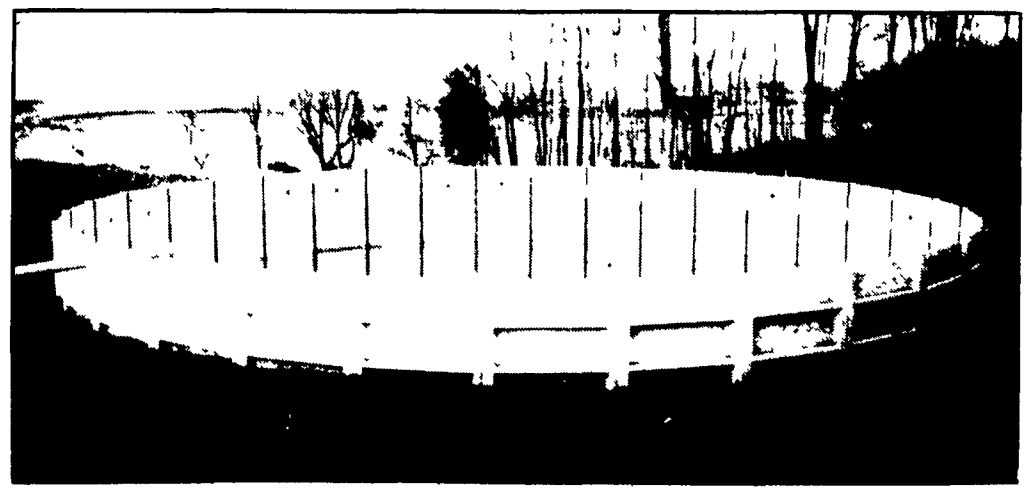

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Horst and Hostetter Heat Up Championship Round At Lebanon Holstein Show

BY PAT PURCELL

LEBANON (Lebanon Co.) — At 9 a.m. Friday, August 4, .when the Lebanon Fair open Holstein show began, temperatures were cool and most spectators had already donned sweaters and sweatshirts.

But by noon the 3-Hs had returned: hot, humid and even more humid. As the temperatures climbed outside the show tent, the heat of competition in the cow classes climbed, too, with the 2-Hs: Horst and Hostetter.

Throughout the day Dennis Patrick from Woodbine, Maryland, judge of the Holstein show worked quickly to place the animals. That was no small feat considering the large numbers in the heifer classes. But Patrick's pace slowed as he took more time to scrutinize Lebanon County's best to find the subtle differences which distinguishes the champions.

He paced and he studied as he scrutinized the four cows he pulled to be considered for champion. In the center of the ring was the cow with the best udder of the show, Lynncrest Fagin Starlet-ET. Second best udder of the show was also there, Ju-Vindale Mars Tony Iris. Sharing the ring were Lynncrest Chairman Quest and Traskdale Pete An Bast.

Ju-Vindale Mars Tony Iris from Ju-Vindale Holsteins of Myerstown was the first-place 4-year-old and a Marshfield Elevation Tony daughter out of Ju-Vindale Molly Chief Ivy.

Lynncrest Chairman Quest is a Cal-Clark Board Chairman daughter out of Fountain-Farm Elevation Que. Kirby and Sheryl Horst of Newmanstown are the breeders.

Dale Hostetter's 5-year-old made it into the line-up to be named reserve grand champion of the show. Traskdale Pete An Bast is out of Traskdale Eagle Boots Astro and sired by Straight-Pine Elevation Pete. The breeder is Preston E. Trask of Hamilton, New York.

Lynncrest Fagin Starlet-ET — she had it all, according to judge Patrick. Starlet is owned by Lynncrest Holsteins of Newmanstown and is a 6-year-old daughter of Coldsprings Elevation Fagin and Herrvales Royal Sheila-Red. Sheryl Horst is the breeder.

"She is the best uddered of the four I have pulled out here. All four have good udder quality, but this six-year-old I feel is the most level on the floor. She has the rear and foreudder and teat placement just the way we like to see it," said Patrick.

Junior champion of the Lebanon show was exhibited by the Lebanon County Dairy Princess, Kynel Bomgardner of Ono. The champion was Loving-Meadows Mint, sired by Browndale Caster and the dam is Loving-Meadows Melanie. Breeder is Nelson Bomgardner of Ono. Mint was the first place senior heifer calf and described by Patrick as being extremely stylish and balanced throughout.

Reserve junior champion went to the clean, long-bodied, senior yearling heifer owned by Peter J. Sonnen of Richland. Sonnen-Acres Starbuck Dulci is the daughter of Hanoverhill Starbuck and Sonnen-Acres Jemini Dulace. Breeder was Glenn A. Sonnen of Richland.

Ju-Vindale Holsteins of Myerstown was awarded both premier honors of the show, premier breeder and premier exhibitor. Ju-Vindale is owned by Vince and Juliet Wagner.

SHOW RESULTS

Bull Calf
1. DGK Holsteins, 2. Samuel N. Geesaman, 3. Gary N. Deck, Jr.

Senior Yearling Bull
1. Jesse Bomgardner.

Champion Bull
Jesse Bomgardner

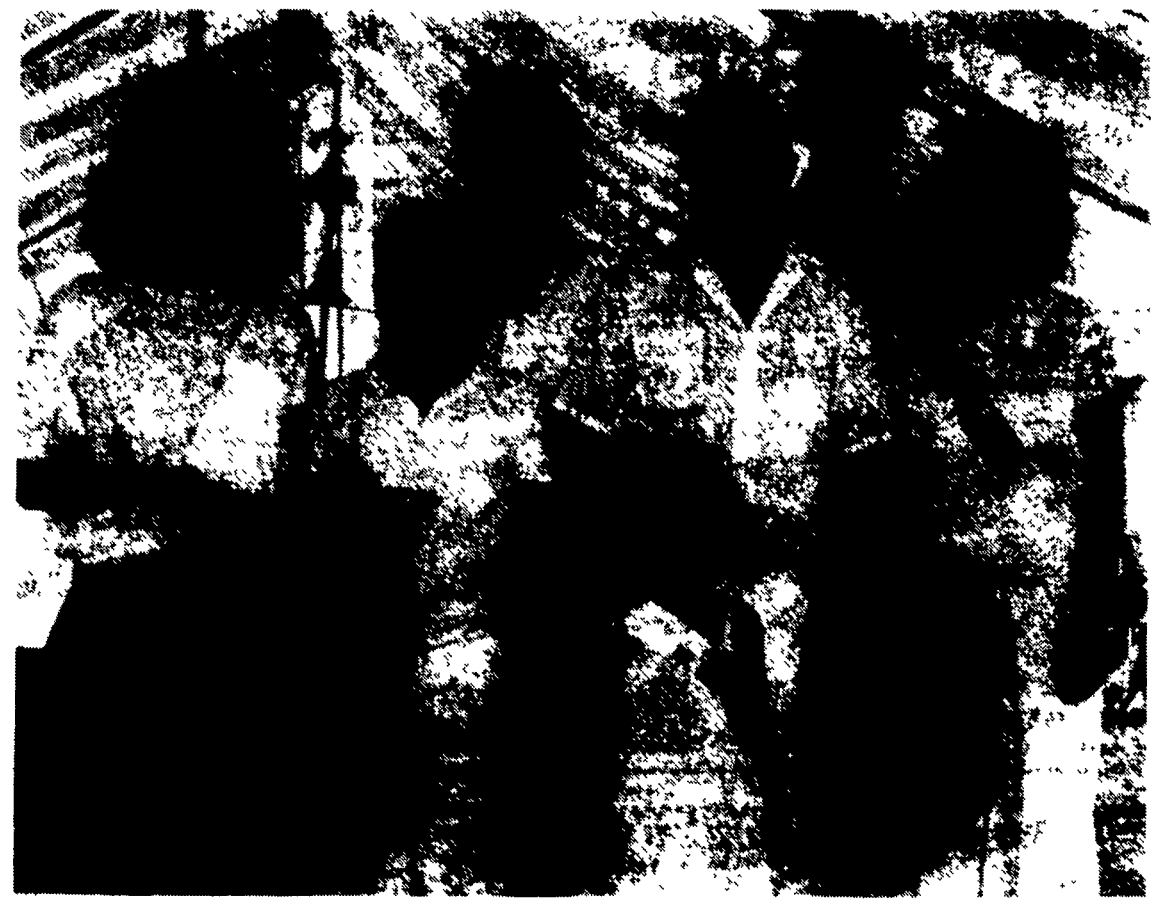
Reserve Champion Bull

DGK Holsteins

Junior Heifer Calf
1. Corwin Bomgardner, 2. Kraig Sellers, 3. Kenneth & Raymond Vail.

Intermediate Heifer Calf
1. Jere Bomgardner, 2. Michele Mase, 3. Amon Peiffer.

Senior Heifer Calf
1. Kynel Bomgardner, 2. Jesse Bomgardner, 3. Harvey Bomgardner.



Ju-Vindale Holsteins of Myerstown captured the premier breeder and premier exhibitor honors of the Lebanon Area Fair's open Holstein Show. Pictured: (from left) Stephanie Wagner, Christopher Wagner, Juliet Wagner, Vince Wagner, Dennis Patrick, show judge; Dairy Princesses Kynel Bomgardner, and Alicia Mase (front).

Summer Yearling Heifer
1. Patrick J. Arnold, 2. Ju-Vindale Holsteins, 3. Dale Weaver.

Junior Yearling
1. Dale Weaver, 2. Kendra Mase, 3. Gary Deck.

Intermediate Yearling Heifer
1. Adam Sonnen, 2. Peter J. Sonnen, 3. Andrea Wampler.

Senior Yearling Heifer
1. Peter J. Sonnen, 2.Jennifer Reist, 3. Brett Lentz.

Dry Cow 4 Years & Under
1. Ju-Vindale Holsteins, 2. Kevin Bomgardner, 3. DGK Holsteins.

Dry Cow 5 & Over
1. DGK Holsteins, 2. Kristen Hoffer.

Junior 2-Year-Old
1. Allison Martin (1BU), 2. Ryan Lentz (2BU), 3 Ju-Vindale Holsteins.

Senior 2-Year-Old
1. Gary Deck (1BU), 2. Ju-Vindale Holsteins (2BU), 3. Dale Hostetter.

Dale Hostetter (right) and Tom Lyon of Annville took the reserve grand champion title of the Lebanon Holstein open show with Traskdale Pete An Bast. Dairy Princesses Kynel Bomgardner (center) and Alicia Mase (left) presented the award.

3-Year-Old
1. Lynncrest Holsteins (2BU), 2. Ju-Vindale Holsteins, 3. Peter Sonnen.

4-Year-Old
1. Ju-Vindale Holsteins (1BU), 2. Klinedell Farm (BU), 3. Lynncrest Holsteins.

5-Year-Old
1. Dale Hostetter & Tom Lyon (2BU), 2. Lynncrest Holsteins (1BU), 3. Klinedell Farms.

6-Year-Old
1. Lynncrest Holsteins (1BU), 2. Dale Hostetter (2BU), 3. David Lentz.

Junior Best 3 Females
1. Sonnen Springs, 2. Loving-Meadows, 3. Ju-Vindale Holsteins.

Senior Best 3 Females
1. Lynncrest Holsteins, 2. Ju-Vindale Holsteins, 3. Klinedell Farms.

Dairy Herd
1. Lynncrest Holsteins, 2. Ju-Vindale Holsteins, 3. Dale-Pride Holsteins.

Dam & Daughter
1. David & Deborah Vail, 2. Ju-Vindale Holsteins, 3. Ju-Vindale Holsteins.

Premier Breeder
Ju-Vindale Holsteins

Premier Exhibitor
Ju-Vindale Holsteins

Junior Champion
Ju-Vindale Holsteins

Reserve Junior Champion
Peter Sonnen

Grand Champion
Lynncrest Holsteins

Reserve Grand Champion
Dale Hostetter

Best Udder
Lynncrest Holsteins

Reserve Best Udder
Ju-Vindale Holsteins

Kirby Horst accepts the grand champion trophy in memory of Albert Moyer presented by Mrs. Moyer. Grand champion is Lynncrest Fagin Starlet-ET from Lynncrest Holsteins of Newmanstown.

Kynel Bomgardner of Ono (right) exhibited the junior champion of the Lebanon Area Fair open Holstein show. Peter J. Sonnen of Richland (left) exhibited the reserve junior champion.

Dairy Promotion Groups Receive Matching Fund Grants

HARRISBURG (Dauphin Co.) — Thirty-four Pennsylvania county dairy promotion groups have collectively received almost $28,000 from the Pennsylvania Dairy Promotion Program.

At the Dairy Princess Seminar in Williamsport earlier this month, the PDPP presented grants totaling $27,742.05 to help local committees offset their promotional costs for the period of July through December, 1989.

The Local Matching Fund program, originated in Pennsylvania by the PDPP, provides 50-percent of a local dairy promotion committee's anticipated advertising, product purchase and other expenses related to food store, school and shopping center promotions, health fairs, and other special events at which the committee informs the public about dairy food purchasing, utilization, consumption and nutrition.

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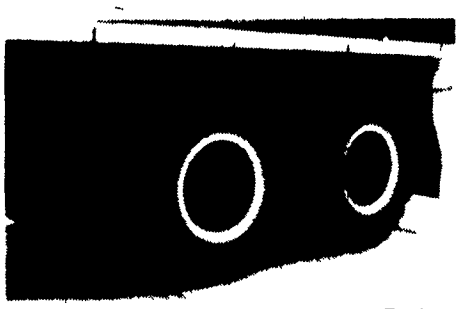

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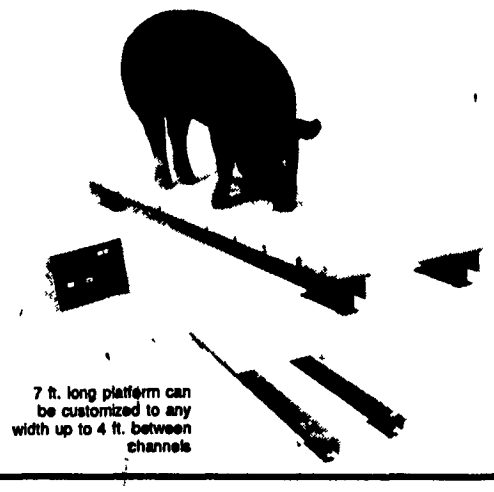

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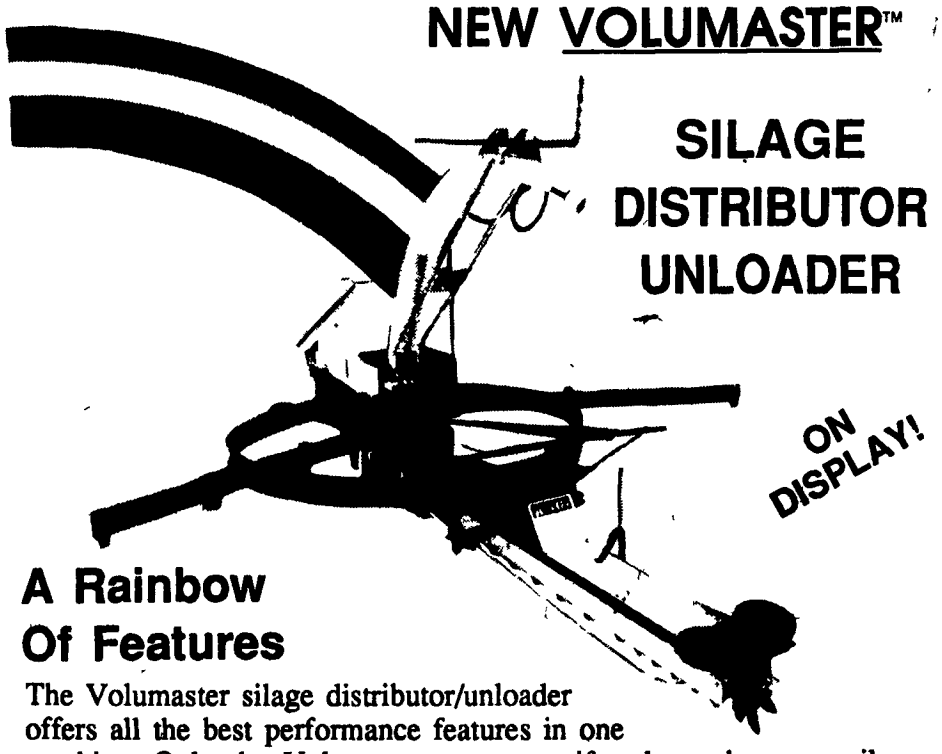

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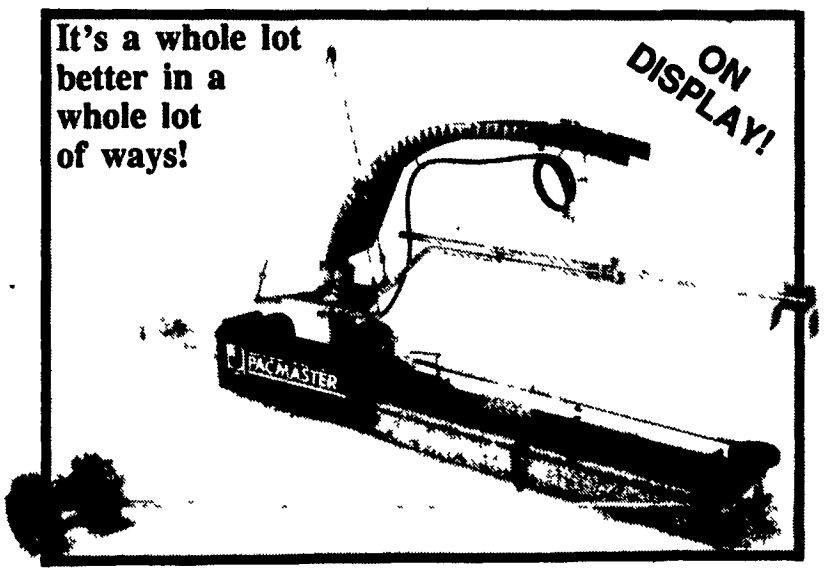

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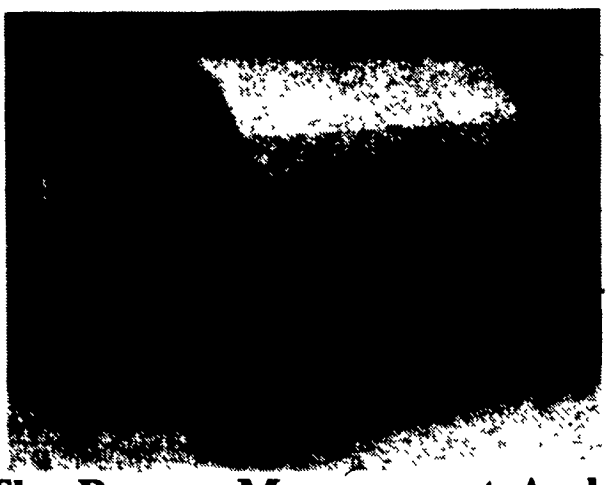

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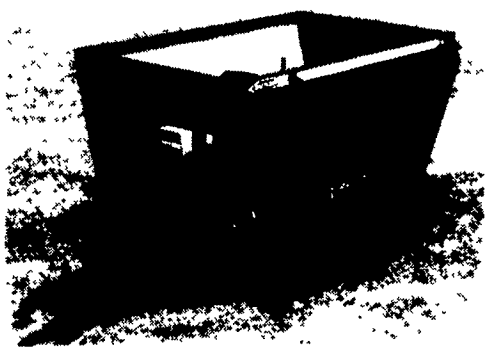

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York 4-H'ers Tops At Southeastern Regional Livestock Judging Contest

BY LISA RISSER

LEBANON (Lebanon Co.) — York County 4-H'ers edged out their competitors from five other counties to win both the junior and senior divisions of the Southeast Regional 4-H Livestock Judging contest last week.

Competition was stiff in the senior division as the York County team slipped past the Lancaster County group to take the number one spot by a margin of one point. Chester County was only three points out of second place.

The winning York team comprised Cathy Shive, Ed Livingston, Karena Rankin, and Amy Dutrey. The foursome also placed first in the sheep class.

The Chester County team consisted of Brian Beam, who placed first individually in the beef class, Matt Howe, and Donna MacCauley. The group beat out their competition to be first in both the swine and beef classes.

Greg Harnish, Doug Musser, and Heidi Quanbeck were the Lancaster County team members. Harnish was high individual in the reasons class.

The overall high individual was Mike Cornman from Cumberland County. Cornman also earned enough points to be top individual in the swine category as well. High individual in sheep judging was Amy Dutrey of York.

The York County again edged out the competition by a point to be the top overall junior team. The team members were Matt and Adam Sellers and Jason Rankin. Closely behind was the Lebanon County team, which consisted of Brian Kreider, Jon Harnish, and Donald Kleinfelter.

Coming in third was the Cumberland County team of Eric Berkheimer, Michelle Cornman, and Peggy Myers.

Besides being first overall, the York County team placed first in the sheep and swine classes, while Lebanon won the beef category.

The overall high individual again came from Cumberland County. Eric Berkheimer beat out other 4-H'ers for the top spot in the swine class as well.

A two-way tie for first developed among Darren Grumbine and Amy Harnish, both of Lebanon County, in the beef class. York Countian Carly Kelly was high individual in the sheep category.

A partial list of the placings follows.

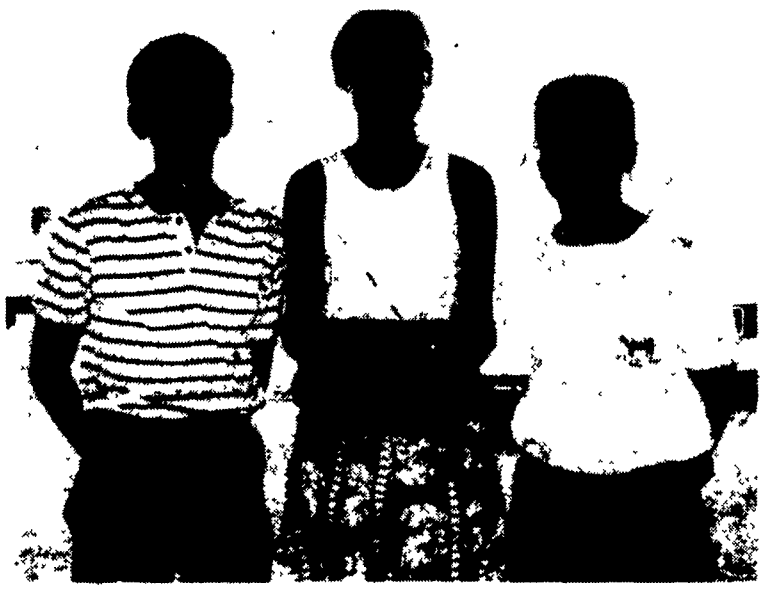
JUNIOR DIVISION
INDIVIDUALS
Beef
1. Darren Grumbine, Lebanon Co; 1. Amy Harnish, Lebanon Co.; 3. Brian Kreider, Lebanon Co.
Sheep
1. Carly Kelly, York Co; 2. Brian Kreider, Lebanon Co.; 3. Jon Harnish, Lebanon Co.
Swine
1. Eric Berkheimer, Cumberland Co.; 2. Adam Sellers, York Co.; 3. Donald Kleinfelter, Lebanon Co.
Overall
1. Eric Berkheimer, 2. Matt Sellers, York Co.; 3. Jon Harnish.
TEAMS
Beef
1. Lebanon County, 2. York County, 3. Berks County.
Sheep
1. York County, 2. Lebanon County, 3. Berks County.
Swine
1. York County, 2. Lebanon County, 3. Cumberland County.
Overall
1. York County, 2. Lebanon County, 3. Cumberland County.
SENIOR DIVISION
INDIVIDUALS
Beef
1. Brian Beam, Cumberland Co.; 2. Greg Harnish, Lancaster Co.; 3. Matt Howe, Chester Co.
Sheep
1. Amy Dutrey, York Co.; 2. Cathy Shive, York Co.; 3. Doug Musser, Lancaster Co.
Swine
1. Mike Cornman, Cumberland Co.; 2. Brian Beam, Chester Co.; 3. Daryl Borngardner, Lebanon Co.
Reasons
1. Greg Harnish, 2. Cathy Shive, 3. Amy Dutrey.
Overall
1. Mike Cornman, 2. Brian Beam, 3. Daryl Borngardner.
TEAMS
Beef
1. Chester County, 2. York County, 3. Lancaster County.
Sheep
1. York County, 2. Lancaster County, 3. Cumberland County.
Swine
1. Chester County, 2. York County, 3. Cumberland County.
Overall
1. York County, 2. Lancaster County, 3. Chester County.

The York County senior team was the overall winner as well as first place in the sheep judging class. Members are, from left, Cathy Shive, Karena Rankin, Ed Livingston, and Amy Dutrey. *Photos by Pat Purcell*

This group of York County 4-H'ers placed first overall in the junior competition. In addition, Adam Sellers, left, Jason Rankin, center, and Matt Sellers were first in the swine judging class.

The two overall high individuals at the Southeast Regional 4-H Livestock Judging Contest were Mike Cornman, left, and Eric Berkheimer, both of Cumberland County.

Only a point out of first place in the junior competition, the Lebanon County team were tops in beef judging. Team members are, from left, Darren Grumbine, Amy Harnish, and Brian Kreider.



In the junior sheep judging category, the York County team of Matt Sellers, left, Carly Kelley, center, and Jason Stein beat out the competition for first place.

Although they were third place in the overall competition, the Chester County senior team won the beef and swine judging categories. Team members are, from left, Matthew Howe, Brian Beam, and Donna MacCauley.

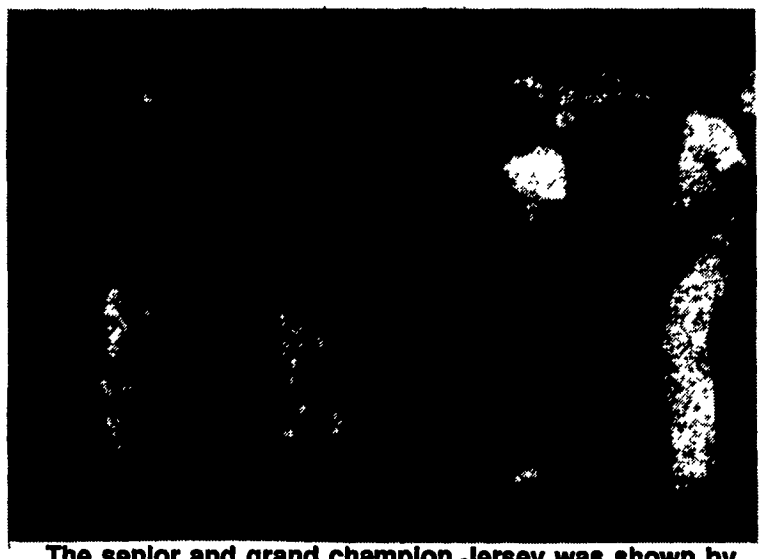
Groundwater Pollution

UNIVERSITY PARK — The old motor oil you toss on the ground may end up in someone's water supply. The causes and dangers of groundwater contamination will be explained by the experts in Penn State's College of Agriculture at Ag Progress Days, August 15-17.

The Theme Building, housing a game show theater and seven other hands-on interactive exhibits, will offer a "Water Quality" exhibit. This exhibit focuses on the hazards of pollutants from the home-- garbage, oil, chemicals-- that find their way into groundwater.

David Gordon, Jefferson County extension agent, multi-county water quality agent and coordinator of the exhibit, explains the goal of the displays. "We will show people that pollution isn't fixed, that water always moves it throughout the environment. They will see how rain carries down whatever they dump on their property to the groundwater, and this will help people understand their part in groundwater contamination."

The exhibit offers a groundwater flow model and maps of pollution. The groundwater flow model graphically demonstrates how water moves both vertically and laterally in the ground, spreading surface pollutants throughout the groundwater. The second display illustrates the groundwater pollution potential in regions of Pennsylvania, so visitors can see how the geological features of their regions lead to specific water quality problems.



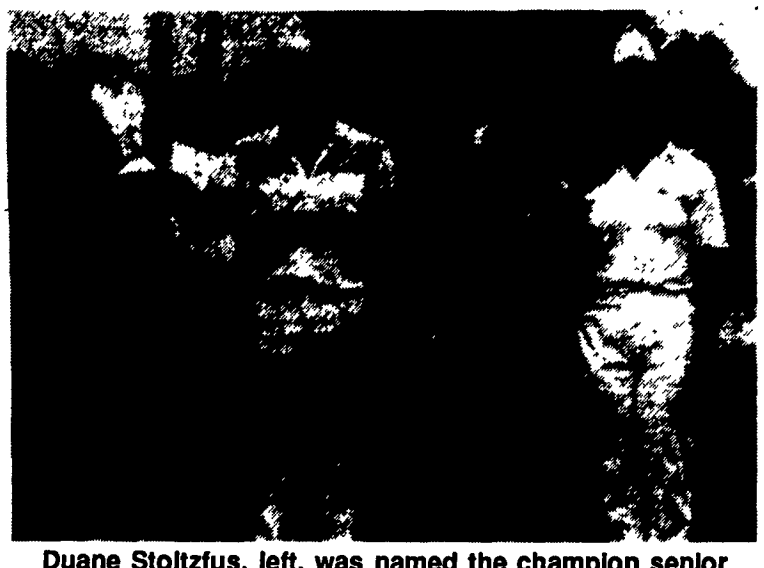
The senior and grand champion Jersey was shown by Karen Sanner, left. Exhibiting the show's other champions are, from left, Tammy Yeager, reserve senior and reserve grand champion; Tonya Koziowski, junior champion; and Owen Bewley, reserve junior champion.

Becky Hendricks exhibited the grand champion Guernsey.

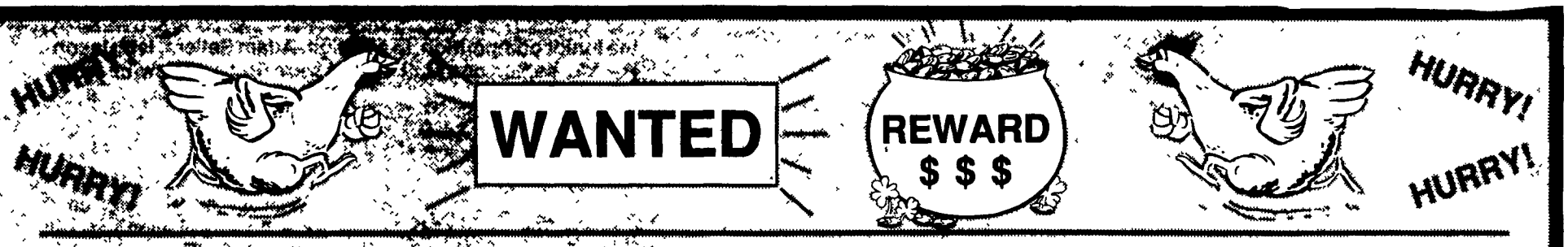
Chester County 4-H Dairy Roundup A Success

Be Sure To See The Story On Page D22

John St. John, left, exhibited the senior and grand champion of the Holstein show. Reserve champion was shown by Duane Stoltzfus, second from left, while Jeffrey Yoder, second from right, had both the junior champion and reserve junior champion. Holding the reserve junior champion is Corrine Hostetter, right.



Duane Stoltzfus, left, was named the champion senior showman/fitter at the Chester County 4-H Roundup. Noel Carol Scheib, was chosen as reserve champion.



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Masonic Homes

(Continued from Page A25)

fertilizer are applied.

The first cutting of alfalfa is used for haylage with remaining cuttings baled. Three to four cuttings are taken each year depending on how wet the season is.

Wilson tries to get out to the fields about every seven to 10 days to scout for weeds and insect problems.

"Our crops are good because of management, and we're more fortunate (than other farmers) because the land is higher and we have good drainage," related Wilson.

Good management seems to be the key to the successful production of all the food on Masonic Homes' grounds. But whatever the reason, residents are happy and healthy eaters.

Indiana Livestock

Homer City, Pa.
Thursday, Aug. 10
Report supplied by PDA

CATTLE: 119. COMPARED WITH LAST THURSDAY'S MARKET SLAUGHTER STEERS STEADY TO STRONG; SLAUGHTER COWS .50 TO 1.00 HIGHER; CHOICE SLAUGHTER STEERS 68.00-71.75, SELECT 65.00-67.50, FEW STANDARD 55.00-63.00; A FEW CHOICE SLAUGHTER HEIFERS 68.00-71.00, SELECT 62.50-66.00, FEW UTILITY 50.00-55.00. BREAKING UTILITY AND COMMERCIAL SLAUGHTER COWS 47.00-52.00, FEW TO 54.00; CUTTER AND BONING UTILITY 46.00-50.50; CANNER AND LOW CUTTER 39.50-46.00; SHELLS DOWN TO 28.00; A FEW YIELD GRADE #1 1100-1700 LBS. SLAUGHTER BULLS 58.00-59.50; FEEDER CATTLE HEIFERS FEW MEDIUM FRAME #1 600-700 LBS. 61.00-68.75, FEW LARGE FRAME #2 500 LBS. 75.00; BULLS 1 MEDIUM FRAME #1 450 LBS. 79.50.

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Auction — E. GOODRICH AUCTION SERVICE INC.

Drawn Equipment For Glenn Cortright, West Creek Rd., N.V.
Turn Off Rt. 38 5 Miles N. Of Owego To West Creek Rd., 4 Miles To Farm. Arrows Off Rt. 38.

ANTIQUES

Buggy Seat; Step Back Cupboard; 2- Blanket Chests; Part Of A Rope Bed; Barley Fork; Hog Shavidling Troff, Cast Iron Kettle; Buggy Lanterns & Lanterns; Quilt Tops & Pcs.; Chestnut Drawer; Kalamazoo Cookstove; Chevy Draw Stand, Oak Flat Top Desk; Tread Sewing Machine; Old Picture Frames; Fainting Couch; Kimbell Photograph & Records; Chestnut Table; Kero Lampe; Slegged Chestnut Table Dropleaf; Butter Puddes; Set Of 6 Plank Bottom Chairs; Morse Chair; 3 Walnut Chairs; Washstand; Beds (1- Wood, 1- Iron, 1- Iron & Brass); Set Of 4 Bent Back Chairs; Hog Scrapers; High Back Chestnut Bed; Ass't Of Chains; Stands & Dressers.

HORSE DRAWN

Dump Rake, Long Sled; Synecuse 1X Plow; Land Roller; IHC Sulkey Cult.; Bob Sled.

MISC.

Horse Collars; Blacksmith Tools; Anvil; Horse Drawn Tongues; Foraging Tools; 2 Blacksmith Boxes; Horseshoes; Horse Flyshoes; Horse Harness; Belt Power Shaft Air Compressor; Hand Drill Press; Greaser; Willet Tree Evers Old Pot Belly Stove; Crocks; Platform Scales; Old Wagon Jacks; Silo Doors; Good Old Milk Cans; Crosscut Saws; 5" Grain Auger w/Elec. Motor; Endless Belt; Loder & Ladd Buzzsaw, Crosley Refrg.; E-Z Wringer Washer; Addallin Lamp Being Changed To Electric; Homemade Violin Case; Wood Shutters; & Much More...

Owner- Glenn Cortright

Terms: Cash Or Good Check Day Of Auction. Lunch Available.

Sale By:
Ed Goodrich Jr. — **Mel Manasse**
Rt. 38 & 38B
Newark Valley, NY — **Whitney Pt., NY**
607-642-3293 — **1-800-MANASSE**

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

NITE SALE
COMPLETE HERD DISPERSAL

for
LEON TICE FROM ELMER, NEW JERSEY
FRI. EVE., AUGUST 25- 7:00 P.M.

150 HEAD — **DHIA HERD AVERAGE** — 150 HEAD
18,360M 3.7T 674F 3.2 PROTEIN
125 COWS — **25 BRED HEIFERS**

About ¼ Herd Registered, balance are all ID Grades.
A young herd with good udders. 36 cows will be fresh Aug. and Sept. Balance in all stages. Some cows now milking 100 lb. per day for tester.
See next week's ad for more complete details.

For More Information Contact:
Abe Diffenbach 225L — **Norman Kolb**
717-354-4341-Barn — **717-397-5538**

PUBLIC AUCTION

SHOP, WAREHOUSE EQUIPMENT & TRUCK TRACTORS

FRIDAY, AUGUST 25, 1989
10:00 A.M.
Located at 301 North Cannon Ave., Lansdale, PA

10,000 LB. elec. fork lift, 8,000 LB. duel wheel Pneumatic tire diesel, 5,000 LB. elec. Acasicr elec. fork lift, 5,000 LB AC forklift LP, welders, approx. 100 ton Arbor press, parts, shelving, bulk racking, misc. tools and equipment, G.M.C. 78 Astro cab over w/sleeper and air cond., tugger, 2 Big Joes, 3'x4' storage bins, 2'x6' conveyors, roll around tool carts, overhead crane, band saw, 10 hp 38" cut lawn tractor, axles, lots of various sizes.

NOTE: Proof of financial responsibility necessary to purchase at this auction, cash, cashiers check, bank money order or bank letter of credit guaranteeing check. Not responsible for printed material.

Auction for:
United Material Handling Service, Inc.

E.M. Murry Associates
Auctioneer
AU-648L

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10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
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Professional Auctioneers, Appraisers and Advisors
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INTERCOURSE, PENNSYLVANIA

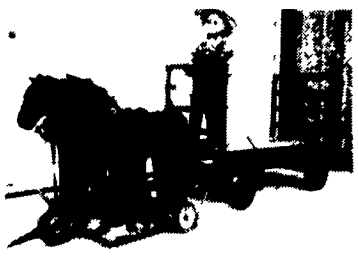
Martins Summer Auction

of

Carriages, Sleighs and Antiques

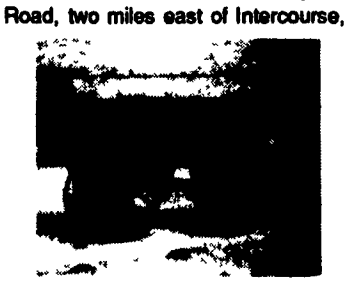
Wednesday, August 23, Thursday, August 24 & Friday, August 25, 1989

LOCATION: Martins Sales Pavilion, on the corner of Rte. 340 and New Holland Road, two miles east of Intercourse, Lancaster County, Pennsylvania.

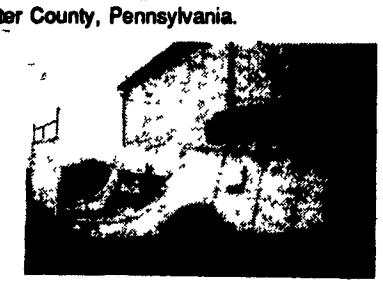


Miniature Hay Wagon complete with horses & farmer (Friday 9:30 AM).

Some of the many running gears, farm wagons & spring wagons for Thursday's field session. STARTS AT 8:30 AM.



Covered Wagon (Thurs. session)



One of several carriage bodies in Thursday's field session.

Tentative Auction Schedule

Wednesday 9:30 AM & 7.00 PM; **Thursday** 7:00 PM (Under roof) — Misc. horse related items, tack & horse equipment of all types.

Thursday 8:30 AM — (Field session) — Horse related items; horse drawn farm machinery; carriage & wagon parts; h.d. carriages & sleighs; blacksmith & primitive tools; harness & parts (including military parts), etc. At least two auctioneers to sell simultaneously throughout the day.

10:00 AM (Under roof) — Antiques; toys; clocks; household goods; oak 20-drawer filing cabinet; 4-drawer spool cabinet; side boards; chest of drawers; Granny rocker; asstd. rockers & chairs; crocks & jugs; set of 6 oak pressed-back chairs; general store items; some glassware & china; display cases; wash stands; asstd. lamps; some tools; fireplace items & many other items. Good, clean consignments of antiques accepted until the start of this session.

Friday - 9:30 A.M.— Parade saddle, bridle & breast plate made by Fred Muller of Denver, CO; carousel horses; baby carriages (some wicker); children's push sleighs; miniature horse, goat & dog wagons & sleighs; harness makers horse; flatbed utility trailers; horse trailers, etc.

Friday - 10:30 A.M. — Inside — Approx. 200 **catalogued horse drawn carriages, coaches & sleighs (Friday Only; No Saturday Sale).**

Joubert & White 6-pass surrey; "The Vigilant" road coach, restored: Brewster & Co. Panel boot Victoria; salesman's wagon by A.P. Sprague; Several Vis-A-Vis; wicker ladies phaeton by A.T. Demarest & Co.; new wicker seat phaeton, cut under; 4-wheel dog cart; sev. surrey sleighs (4-pass. & 6 pass.); fire chemical carts; Nitro Mining Wagon; 6-pass spring wagon w/ removable seats; doctor's buggies, restored & orig. condition; breaking carts; restored governess cart; new meadowbrook type carts, pony & horse size; fuel delivery wagon, restored; Studebaker buggy, orig. cond.; peddlars wagon made by New York Wagon Co.; restored Joubert & White buckboard; pony buckboard; White Chapel side-bar top buggy; tandem gig w/ Stanhope style body; queen's body phaeton by Colonial Carriage Co.; shooting break; restored roof seat break; sev. other roof seat breaks; side bar top buggy by Brewster & Co.; new sailor wagon w/wicker seat; East Williston cart; panel boot victoria by Henry Hooker & Co.; English wagonette; 2-wheel dog cart; restored East Williston cart by VanTassell & Kearney; marathon vehicle; nice variety of buggies (some w/folding tops); village carts & gigs; jog carts; lg. assortment of horse gigs & 2-wheel English vehicles; good selection of 2 & 4-pass. sleighs, good original condition & restored; new sailor wagons; 4 & 6-pass. surreys; sev. traps; & other pleasure driving &/or competition vehicles. **This is the only inside session of horse drawn vehicles & all carriages, coaches & sleighs must be catalogued.** However, for the field session on Thursday we will be receiving horse drawn vehicles until the start of the auction.

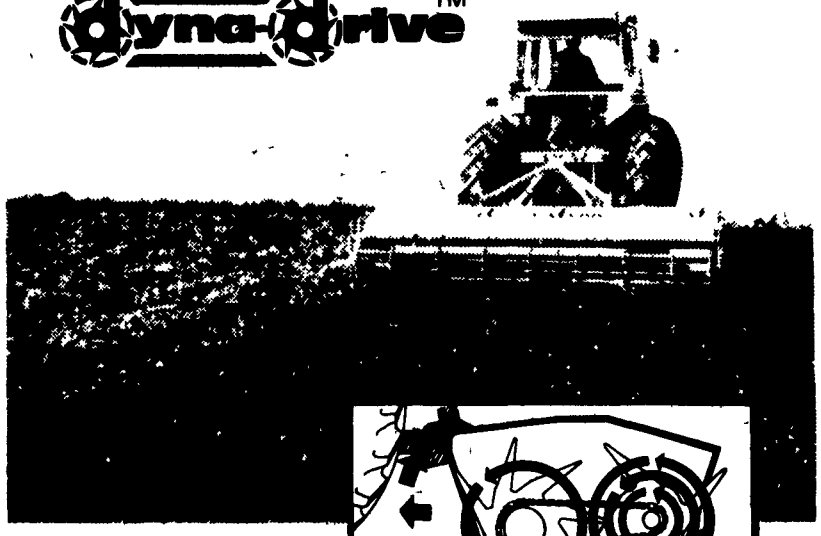
NO SATURDAY SALE

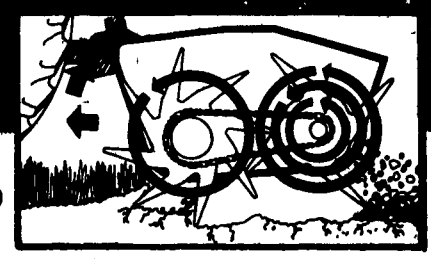
TERMS: Cash, Certified Checks or Travelers Checks. Personal or business checks will be accepted only with a CURRENT bank letter of GUARANTEED PAYMENT, payable to Martin Auctioneers, Inc. The letter must be presented when registering for a buyer's number. All purchases must be paid by the end of each auction day before merchandise will be released.

Martin Auctioneers, Inc.
Larry C. and Paul E. Martin, Jr.
PO BOX 477 • INTERCOURSE, PA 17534 • (717) 768-8108

PA-AU (01117) — CA—C478

Fast, efficient, one-pass seedbeds with new Hart-Carter dyna-drive™





Ground operated . . . no PTO or gearbox.

Unique, forward scooping action prepares uniform, level seedbed in wide range of soils at high speeds. Adjustable depths from 1½ to 5½". Long wearing tines, simple award winning design for easy maintenance. Greater fuel economy.

HCC

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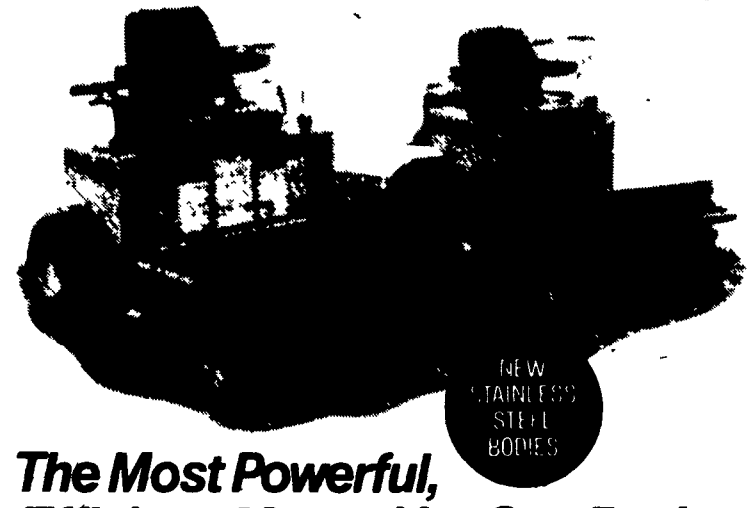
DIXIE CHOPPER

The World's Fastest Lawn Mowers



The Most Powerful, Efficient, Mower You Can Buy!

- Designed and built to professional lawn care specifications
- Models available with 42", 50" and 60" mowers, 16 to 24 HP engines
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- Zero turning radius and mowing speeds up to 6 5 mph let you cut more acres faster.
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NOW AVAILABLE WITH DIRECT HYDROSTATIC DRIVES
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Make us prove what we say with a Free Demonstration.

SEE US OR CALL TODAY

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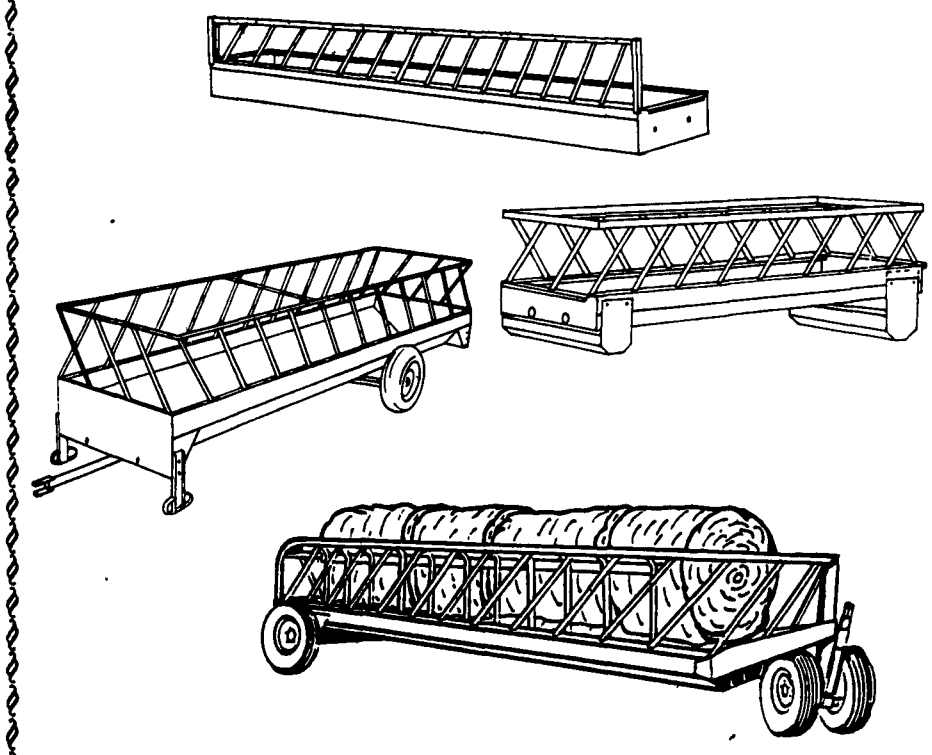
THE LEADER IN FEEDERS



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- Slant bars restrict movement
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- 100% welding
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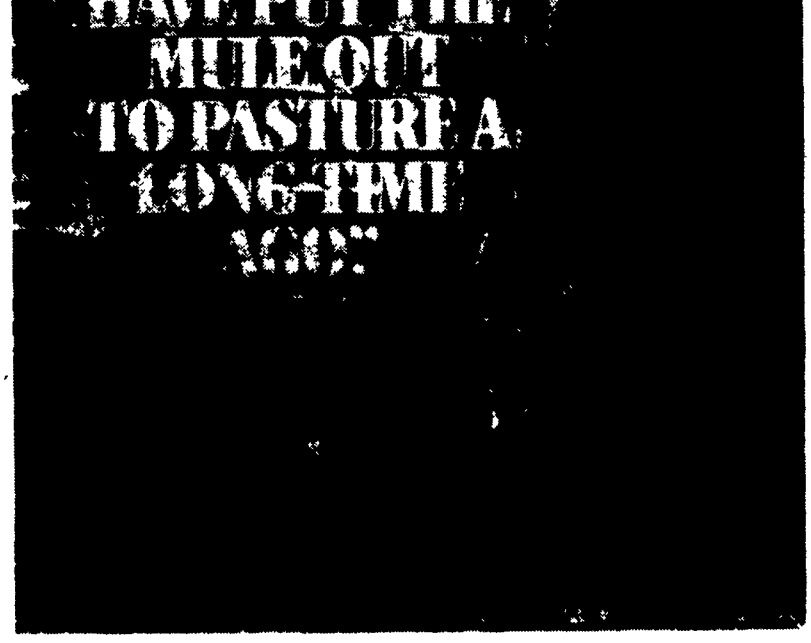

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Plus they eat no hay, drink no water, aren't a bit stubborn and require a very small stable.

So why don't you put one in your stable? Visit your BCS dealer for a demonstration. Or write BCS Mosa Inc., P.O. Box 1739, Matthews, NC 28106 for more information.

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SEE US AT AG PROGRESS DAYS

AUCTION OF ANTIQUES, GUNS, OLD TOYS, OLD TRAINS, OLD PEDAL CARS, OLD GAMES SIGNED MARK TWAIN BOOKS FOR GREG SCHWARTZ
Rt. 611, Revere, PA
SATURDAY, AUG. 19, 1989
at 9 AM
Call for further details.
Lunch Provided
Ronald Freed, Inc.
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To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

PUBLIC SALE
OF ANTIQUES- HOUSEHOLD GOODS, FURNITURE, TOOLS
SAT., AUG. 26, 1989
AT 9:00 A.M.

Loc. 227 Oak Bottom Road, Quarryville, Lancaster Co., PA. (Take Rt. 372 just west of Quarryville to Oak Bottom Road & turn left to sale.)

Food served.
Sale by
Agent for Owner

Howard Shaub
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Auctioneer (AU-000831-L)

bobcat

Bobcat 600, 54" Bucket $3,500
Bobcat 610, Bobtach 2 buckets, rebuilt engine $4,200
Bobcat 743, 60" Bucket $11,500
Bobcat 743 w/909 Backhoe, 4 buckets $16,000

Call JIM NIXON for Prices, Information
LCL Construction Equipment
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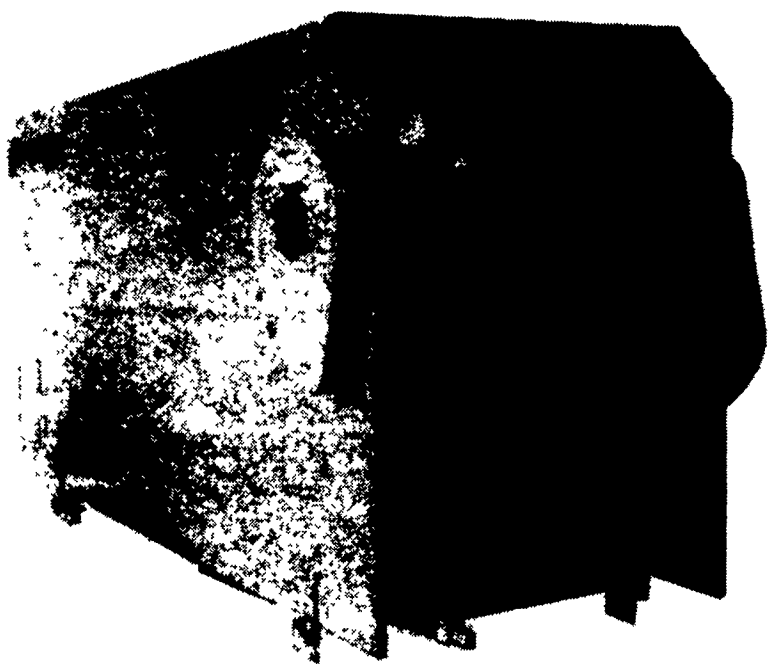
See You At AG PROGRESS DAYS At The Badger Agri-Service Display Located On WEST 5th STREET!
Stop By And See The TMR HYDROSTATIC DRIVE FEED CART
By Rissler Mfg.



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NH 489 Haybine, low acres .. $4,300
NH 276 Baler, no thrower $2,650
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Madey Farms
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IH 3788, 2+2, 1400 hrs. SOLD $13,500
IH 1586, 4 post, new tires $9,800
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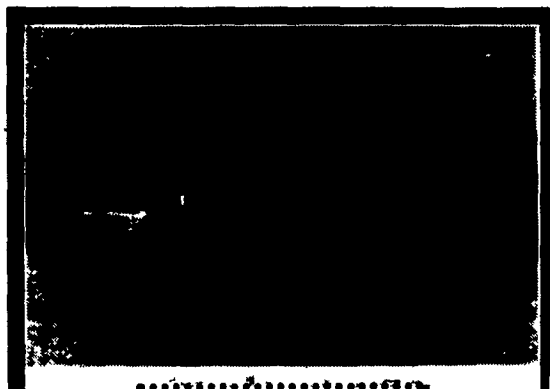
JD 6030 w/cab & duals, nice .. $12,900
JD 6030 w/cab, triple hydro .. $11,200
JD 50, good, solid $1,400
JD 4020, diesel, power shift ... $7,600
JD 3120 diesel, hi/lo $6,500
MF 65, gas $3,200
Case 830 dsl. $3,200
David Brown 990 ..... $3,400



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580 B Std. Hoe
$7,500
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$7.00/GALLON
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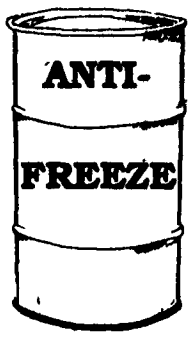

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Used MF 230 Gas Tractor, Cab & Turf Tires w/Kelly Loader, 230 Hrs., 2 Btm. Plow, 3 Pt. Hitch Disc & 7" Scraper Blade. Call For Package Price!

NEW EQUIPMENT
Deutz Allis 6260 2 WD w/Loader
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Model 380 HD Square Baler
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Woods Mower, 14 ft. batwing, excellent condition
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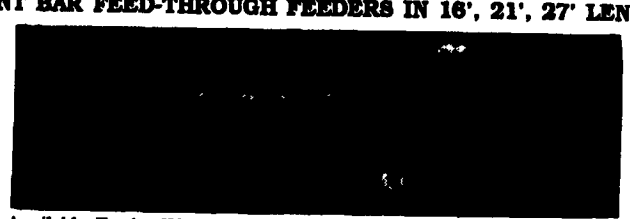
SLANT BAR FEED-THROUGH FEEDERS IN 16', 21', 27' LENGTHS



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16', 21', 27' Lengths Available A Great Feature For Feeding Cattle In Meadows Or Feed Lots
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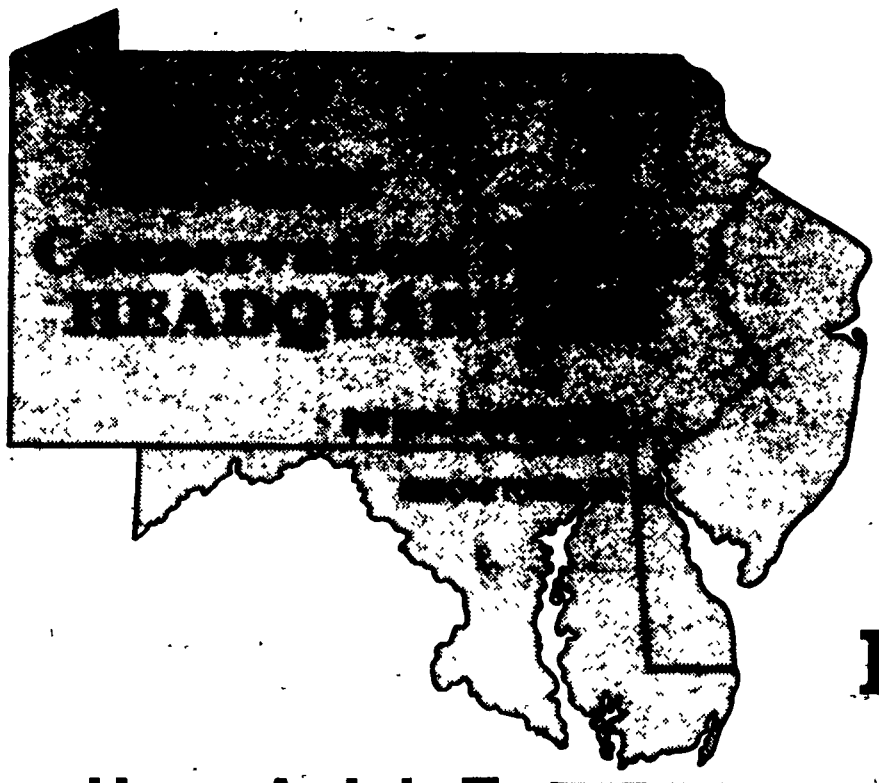

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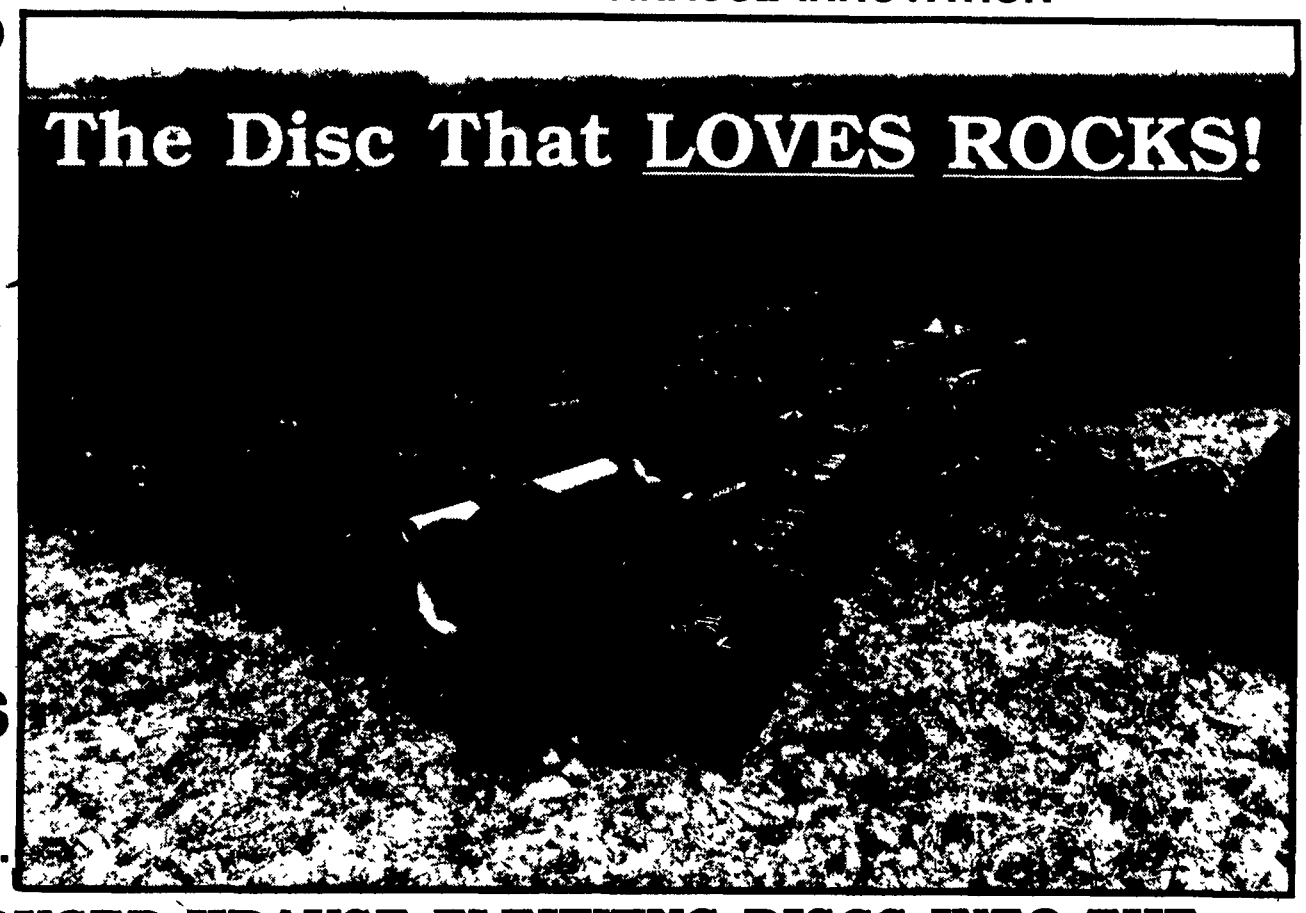

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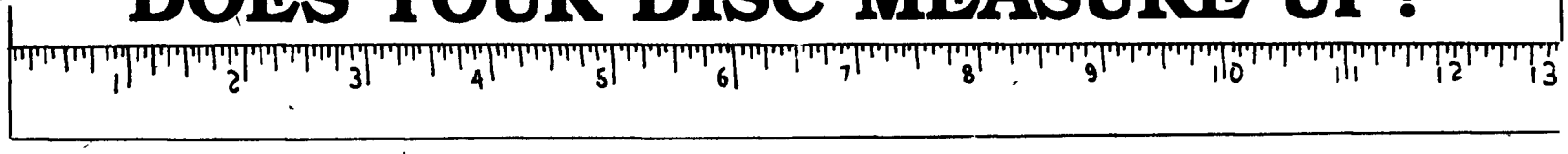

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2242	22" Blades	12'3"
2244	22" Blades	13'9"
1450 Offset	24" Blades	10'
4921 Flexwing	22" Blades	18'1"
4924 Flexwing	22" Blades	20'11"
4926 Flexwing	22" Blades	22'5"

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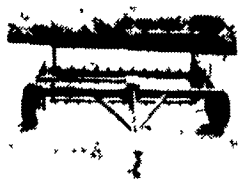
Hay Tedders



Zimmerman

George M. Zimmerman, Inc.
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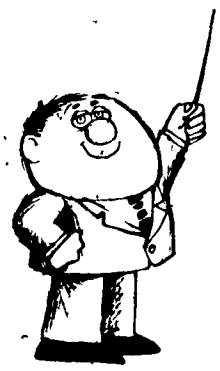
New Holland, PA 17557
717/354-9954



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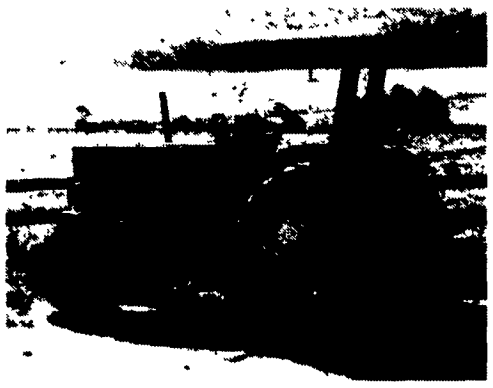
1 FARM EQUIPMENT



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1100 Hrs.
$4,500
Belmont Farm
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1975 JD 170 Skid Steer Loader, Gas Powered, New Wide Tires, New Paint, ROPS.

Only $4900

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(2) JD 1209 mower conditioner
12 Ft. Bushhog Tandem Disk, wheel lift
2R Braco Potato Harvester w/PTO Drive
Woods C80 pull type rotary mower
JD 896 parallel bar rake
JD 125 chuck wagon on 1065 running gear
JD 4 RW Row Crop Cultivator
AC 330 4 row wide no-till corn planter with dry fertilizer
IH 56 RR wide planter with dry fertilizer
5 Bottom 16" Semi-Mounted Plow
JD F345 4 Bottom 16" Semi Mounted Auto. Reset Plow With Accumulators
JD 8250 14 disc Grain Drill
JD 2240 MFWD w/roll guard and canopy, 245 loader.
JD 7000 6RN planter w/frame mounted coulters and liq. fert.
JD 2350 MFWD w/roll guard and canopy, 490 hours
1980 JD 6620 side hill combine w/215 flex platform and 643 cornhead
NI side delivery rake
JD 8200 18 disc grain drill w/grass seed box
JD 650 MFWD w/60" belly mower and loader
JD 725 Front Mount 6R Cultivator
JD 950 MFWD w/75 ider. and Bradco backhoe
JD 430 Lawn & garden tractor w/60" deck, low hours
1974 JD 4400 combine w/213 platform and 443 cornhead
JD 1207 mower conditioner

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JD 5010 self-loading scraper $7500
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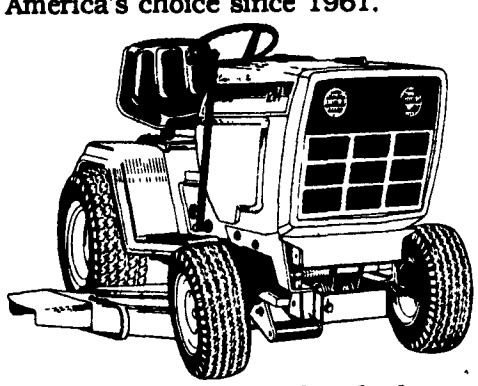

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Cab, Air, Heat, Dickey John Grain Monitor, "T" Weights, Wheel Weights, Bin Ext., Rotary Screen.
REAL SHARP!

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1988 JD 2155, Fully Equipped 45 HP Tractor w/ Less Than 100 Hours & Balance Of Warranty.
Ford 600 Utility w/Hyd. 6 Ft. Cutter Bar
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NH 718 Harvester w/Cornhead, Good
Int. 21 2-Row Potato Digger, Good!
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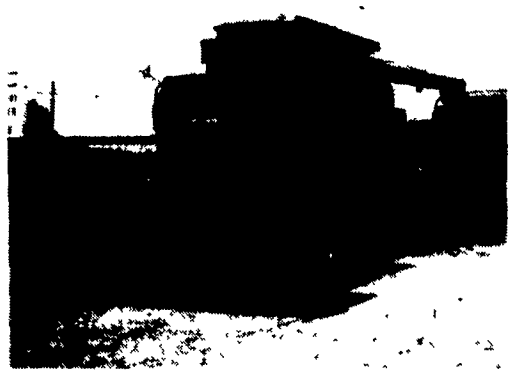
NH 271 Baler w/50 Thrower
NH 24' Grain Elevator w/Motor, Lower Hopper & Tires



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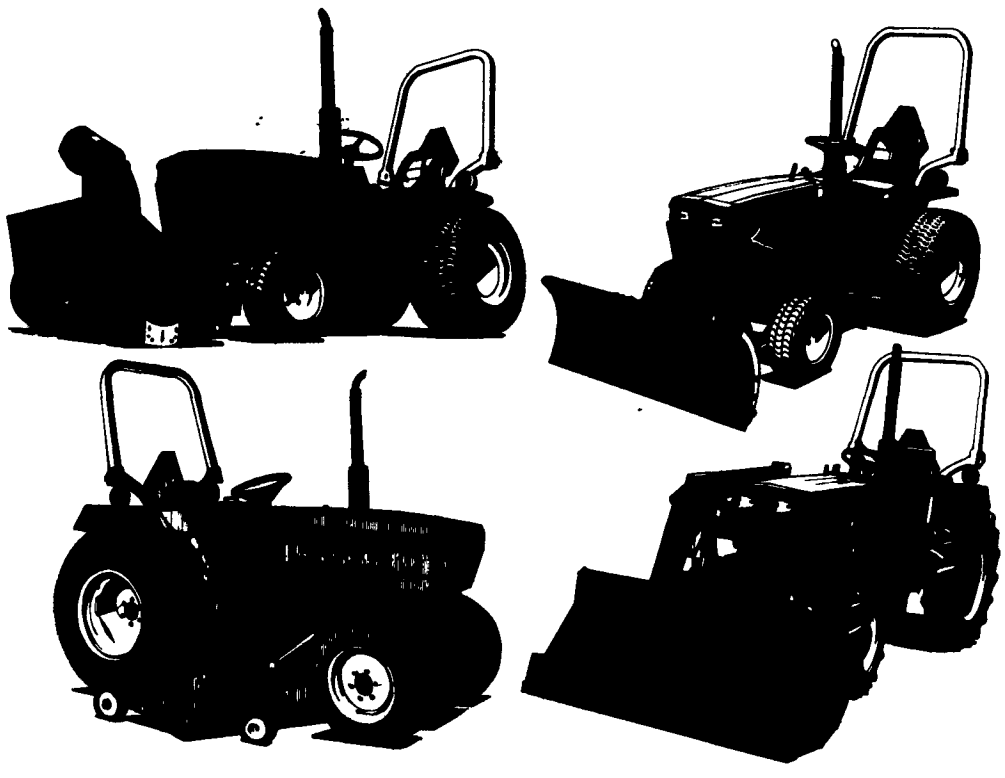

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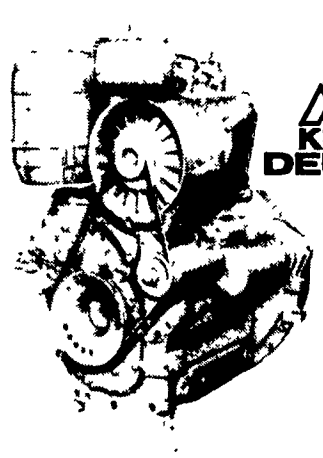

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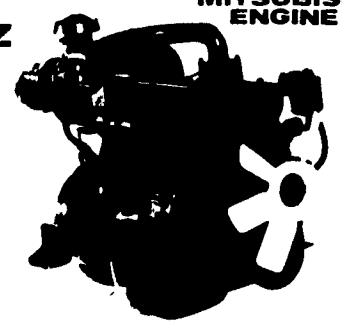

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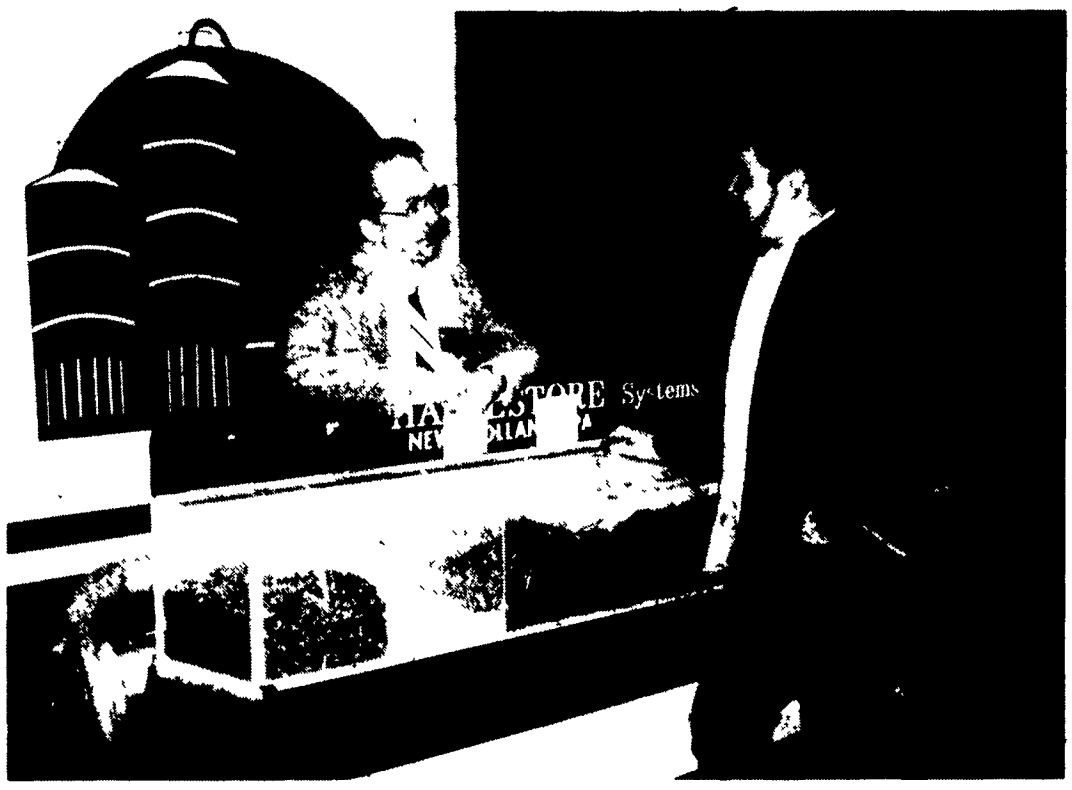

Dick Enck, who joined Penn Jersey's sales force in 1969, talks with a visitor at Penn Jersey's feed sample display.

Stop by Penn Jersey's exhibit on West 5th St. near Main for a close look at our rained-on haylage and high moisture corn. Then ask us how a pre-owned or New Harvestore® or Slurrystore® system could benefit your farming operation!

A.O. Smith Harvestore Products, Inc. 40TH ANNIVERSARY Aquastore® Harvestore® Permaglas® Slurrystore® Systems

And while you're there, help us celebrate!

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The results you may achieve with your Harvestore® System depend primarily upon your management skills and may vary from successful results achieved by others. Any application to a particular farming operation requires the advice of qualified experts and is subject to limitations of good management, weather and other conditions present at the individual location.

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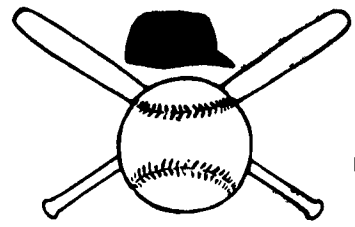
Nobody fits you like Goodyear.

GRAND SLAM of savings from Goodyear!



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A WINNING TEAM!

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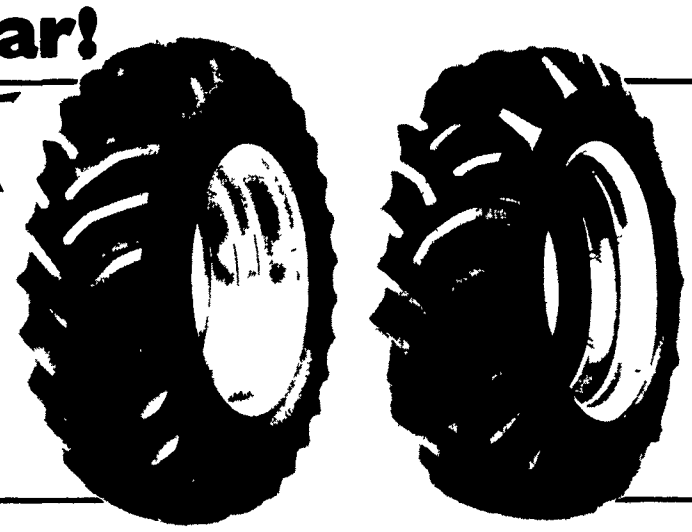
FARM FOR LESS IN 1989!

- Revolutionary three-lug/pitch design improves traction and ride.
- Computer designed "natural" shape casing improves tire body life.
- Radial construction provides better traction, lower fuel and overall costs.



Dyna Torque II

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- Excellent traction with long-bar, short-bar lugs.
- Designed for improved stability and roadability, plus reduced vibration.
- Strong angle-braced lugs have self-cleaning design.
- High-strength polyester cord body and heavy-duty rim-shield help protect tire from damage

Farm Utility Tire

OUR PREMIUM CASING VALUE PRICED!

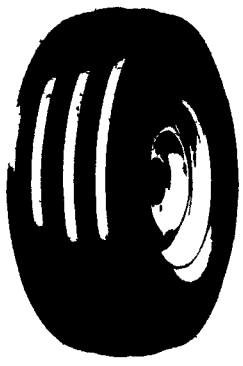
- Strong, long wearing.
- High flotation.
- Heavy load capacity
- Rugged 3-T cord body.

HOT DEAL!

Dyna Rib

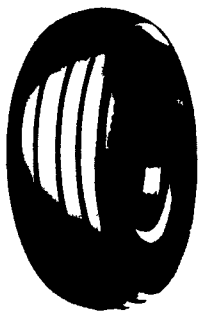
THE ANSWER TO THREE RIB FAILURES!

- Designed for higher horsepower two-wheel-drive tractors
- Better mobility and more uniform pressure distribution than three-rib design.
- Bead area protected by thick rubber shield.
- Excellent flotation and mobility; smooth ride, uniform ride



4 Rib

750-16 6 Ply TT	$65.00
95L15 6 Ply TT	$71.00
11Lx15 6 Ply TT	$85.00
11Lx15 8 Ply TT	$89.00
1000-16 6 Ply TT	$93.00
1000-16 8 Ply TT	$49.95
1100-16 6 Ply TT	$108.00
1100-16 8 Ply TT	$114.00



FARM UTILITY WAGON TIRES

95L-15 6 Ply TT	$49.00
95L-15 8 Ply TT	$51.00
95L-15 6 Ply TL	$54.00
95L-15 8 Ply TL	$56.00
11L-15 6 Ply TT	$52.00
11L-15 8 Ply TT	$54.00
11L-15 8 Ply TL	$59.00
12L-15 10 Ply TT	$73.00

Steel Belted Strength... All Season Tread

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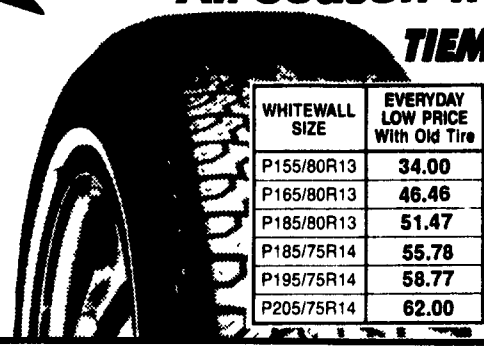

WHITEWALL SIZE	EVERYDAY LOW PRICE With Old Tire
P155/80R13	34.00
P165/80R13	46.46
P185/80R13	51.47
P185/75R14	55.78
P195/75R14	58.77
P205/75R14	62.00

WHITEWALL SIZE	EVERYDAY LOW PRICE With Old Tire
P205/75R15	65.10
P215/75R15	68.56
P225/75R15	72.18
P235/75R15	76.00

For Mini-Vans, Mini-Pickups, 4-WD Cars

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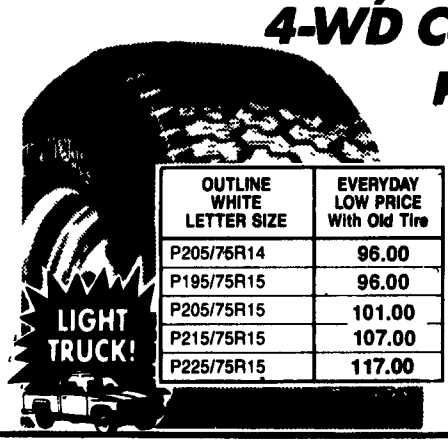

OUTLINE WHITE LETTER SIZE	EVERYDAY LOW PRICE With Old Tire
P205/75R14	96.00
P195/75R15	96.00
P205/75R15	101.00
P215/75R15	107.00
P225/75R15	117.00

OUTLINE WHITE LETTER SIZE	EVERYDAY LOW PRICE With Old Tire
P235/75R15	118.00
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The Name Says It All!

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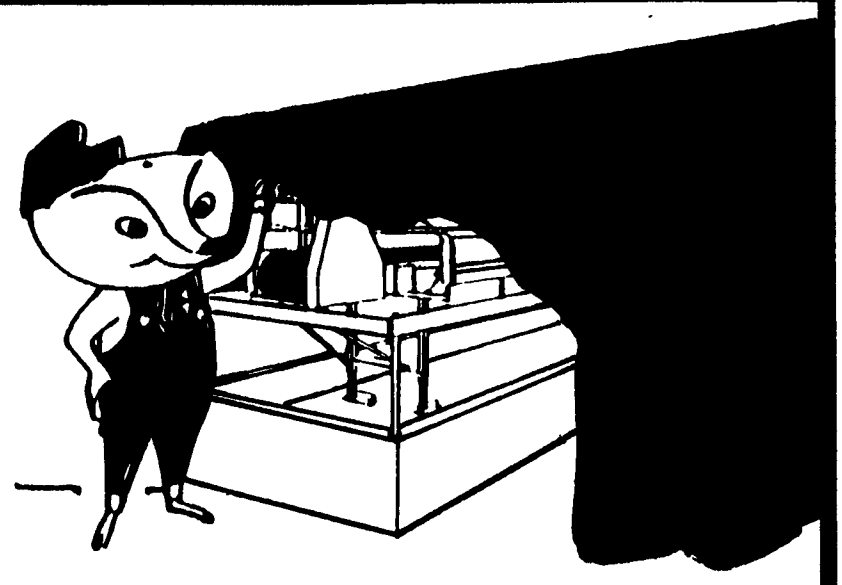

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BN8900 POWER SHUTTLE FEEDER:

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- 14 gauge galvanized steel trough
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- Ideal center charge replacement feeder

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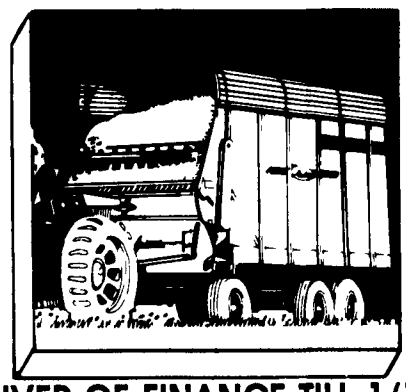
The best Forage Box you can buy is built by Badger



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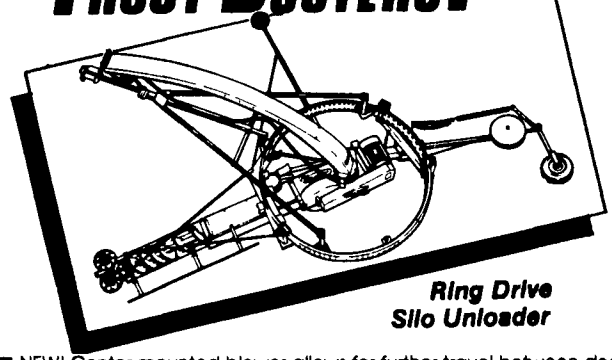
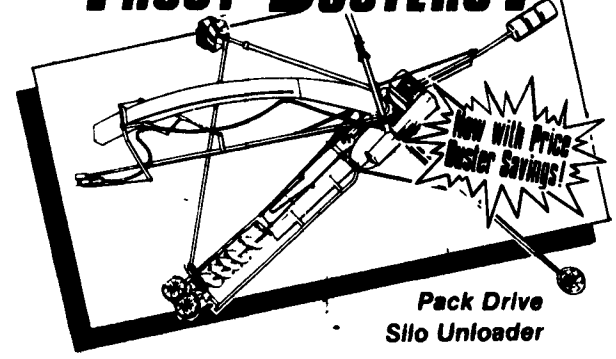
The new Badger FROST BUSTERS!



Ring Drive Silo Unloader

- NEW! Center-mounted blower allows for further travel between doors
- NEW! Simple, trouble-free collector ring redesigned for greater ease of service
- NEW! Vertical control guide wheel on auger s outer end adds stability when raising the unloader
- NEW! Three-year limited warranty
- High strength, extra-heavy angle iron frame
- Heavy-duty double wall reinforced drive ring
- Super tough chipper wheel shaves silo wall clean
- Rugged 10" auger with heat treated Zinc Dichromated knives and double flighting on outer end

Badger FROST BUSTERS!



Pack Drive Silo Unloader

- Center-mounted blower allows for further travel between doors
- Simple, trouble-free collector ring redesigned for greater ease of service
- Quick installation and low cost, the ideal replacement unit
- High strength, extra-heavy angle iron frame
- Rugged 10" auger with double flighting on outer end, equipped with heat treated Zinc Dichromated knives
- Heavy-duty chipper wheel shaves silo wall clean

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Badger

Dairy Of Distinction Winners Rebuild After Two Arsonist-Set Fires

BY LOU ANN GOOD

ELIZABETHTOWN (Lancaster Co.) — Fire!

The word shoots a flame of fear through farmers. It's one of the worst catastrophies a farmer can face.

The Glen Longenecker family of Elizabethtown has faced it twice.

In 1962, five minutes after the family had crawled into bed, an explosion rocked their house and sent them racing to the windows where they saw hungry flames leap from their barn.

On July 24, 1988, the family was at church when the message came that their barn was on fire.

By the time they made the five minute return to home, the blackened barn timbers had already fallen.

Both fires were considered suspicious. Last year's fire was ruled arson.

The fear of fire can't compare with the hot surge of anger that flashes through a farmer when he hears the word arson.

"It's all so senseless," Glen Longenecker remarked. "If fire results from lightening or other natural ways, it's bad; but when it starts from arson..." his voice trailed off, then he cleared his throat, shrugged and said, "You learn to accept it and live through it...to get rid of bitterness."

His wife Sharon agreed. "You can't let those negative feelings control you. Still...it would be nice if the arsonist would be caught to spare others from going through the same thing."

Before the Longeneckers had left for church on that fateful Sunday morning, they had scanned their buildings and even drove around the back of the barn since the milk truck was blocking the driveway. They hadn't noticed anything suspicious, but when the driver closed his truck door several minutes later, he smelled smoke and then noticed pitch black smoke rolling out of the hay mound.

Quickly the driver called the fire company and then let the cows and steers outside.

The arid black smoke soon turned white, which is a signal that the fire was petroleum set since hay burns white. Neighbors also reported seeing a suspicious pick-up parked in the area.

"The milkman was our hero of the hour," Sharon said.

Glen said, "It's a good thing, I wasn't here, because I would have had a hard time letting out the steers."

Although the steer building did not burn, the steers would have suffered smoke inhalation if they hadn't been moved.

The fire raged out of control before any of the equipment could be removed.

"That's another reason why it's good I wasn't here," Glen said. "Otherwise I would have tried to remove the equipment and that would have been too dangerous."

Three weeks before the last fire, the Longeneckers had their 1,000 foot long driveway paved. The heavy fire equipment made a mess of the blacktop and deep gullies formed in it.

It's the side affects of the fire that often are the hardest with which to cope.

Glen said, "Fire really sets you back. Insurance doesn't even cover half of the expenses caused by a fire."

Although the steers were brought back and temporary water lines and electrical hookups were done, the Longeneckers decided to sell their cows and buy new ones after the barn was rebuilt.

"It's more mess than it's worth trying to rebuild and milk at the same time," Glen said.

The barn that was destroyed by fire was the Longenecker's joy.

In 1962, the family had torn the barn down from its original Millersville farm. The massive 50x100-foot structure was unique. "You couldn't find one like it in a million," Glen bragged. Every time he walked inside, he remembers feeling awed by the 50-foot rafters that were all in one piece.

"The barn we have now looks like a heap of junk compared to the old one," Glen said.

After the second fire, the Longeneckers learned that arsonists are attracted to huge barns—the bigger the better. Consequently they settled for an unpretentious 47x82-foot barn.

The Longeneckers rebuilt the barn themselves. Two crews helped them lay the block for the foundation and the brick milkhouse.

Sharon said, "We called the two crews the day and the night crews, but we (our family) worked on both of them."

The family thought brick laying was fun.

Their 16-year-old daughter Dolly said of the experience, "Brick laying is not as hard on the back as laying block."

Glen admits that he can do almost anything. He credits his grandpa, who was a carpenter, for passing on handyman skills. Glen said that when he finds out how much he would need to pay someone else to do it, he figures he'll do it himself.

Earlier the family had built the hog barns and put in a liquid manure system.

On January 30, 1989, six months after the fire, the Longeneckers finished the barn building and began milking with their new herd. They kept only one of the original herd.

Asked if the cow was a top producer, the family roars with laughter and answers, "No, it's just spoiled." The family pampers the cow and hand feeds her candy bars.

Despite the setbacks caused by fire, the Longeneckers and their two children, Jamie, 19; and Dolly, 16; have rebuilt their dairy and, this year, earned a dairy of distinction award for their farm of 117 acres and they rent an additional 180 acres on which they grow corn, alfalfa, grain, soybeans and barley.

Their interests are diversified with 70 cows, 1,500 swine, and 90 steers. Dolly reminds her father that she also raises 20 turkeys, 12 chickens, 5 roosters, and 35 cats.

Not only do the Longeneckers take care of building and repairs, they also do most of their vet work. Sharon also does AI work.

She said, "Glen wanted me to go to school to learn how to check pregnancies, but I refused."

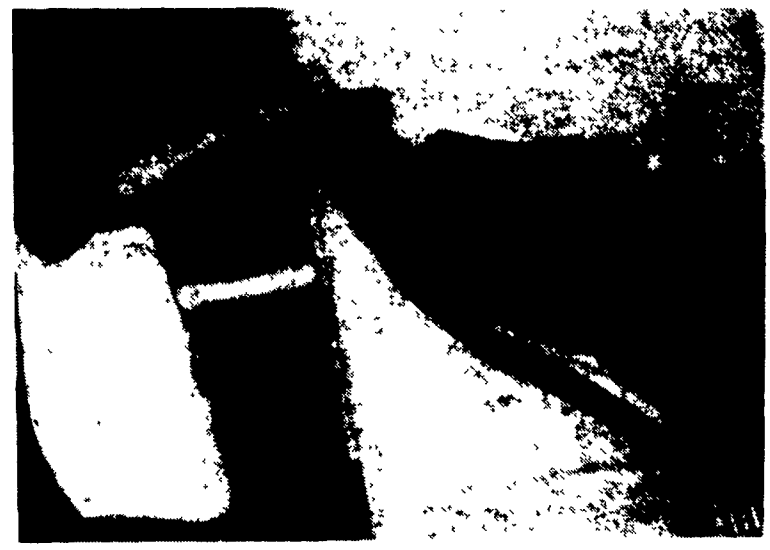
She winked and said, "The more I learn, the more work I have to do."

Jamie loves the farm and enjoys wood working in between times. He builds roll top desks, picnic tables and clocks. Recently Jamie married and commutes from his apartment five miles away. The farm is a two-family operation.

When fire destroyed their barns,

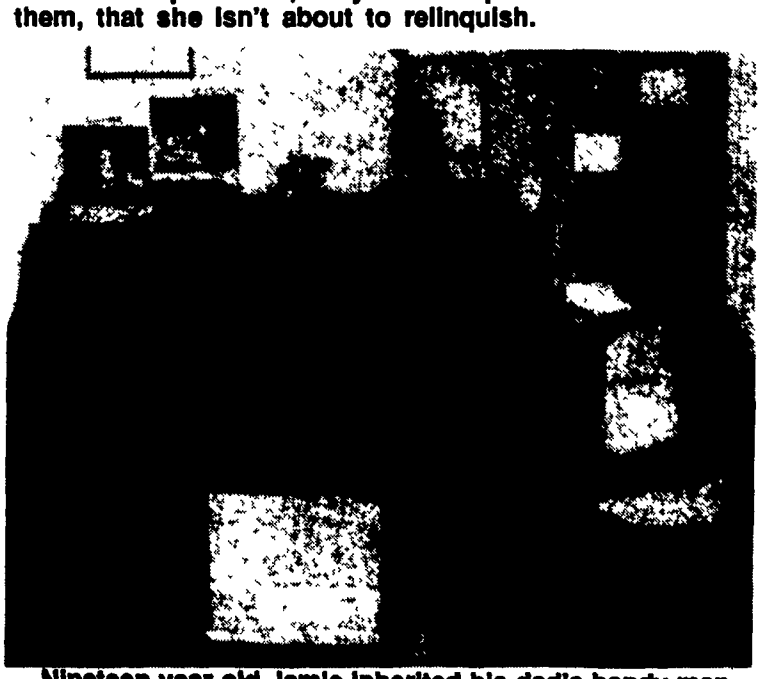
(Turn to Page B4)

Now that the barn has been rebuilt, the Longenecker family can smile. They are standing in front of the brick milkhouse and barn that they built by themselves. Left to right: Dolly, Jamie, Glen and Sharon.



When it came to deciding whether or not to keep the original herd, only this one, named 111, was deemed worthy enough to keep. Emotional attachment won over productivity, for Jamie, who daily feeds 111 candy bars, laughs when asked if 111 is a good producer. Jamie said, "111 is special because she's so tame you can sit on her and she licks you all over enough to give you a bath."

Dolly finds turkey raising is a good, profitable hobby unlike caring for her 35 cats. When fire destroyed their barn, cat litters, they didn't know existed, came running out. Even if cats aren't profitable, Dolly forms a special attachment to them, that she isn't about to relinquish.



Nineteen-year-old Jamie inherited his dad's handy-man traits. Jamie has many several of these roll-top desks, picnic tables and other woodworking projects.

Homestead Notes

On being a farm wife - And other hazards

Joyce Bupp

Every "women's" magazine I ever pick up seems to have at least one article on the same basic theme. And, while scanning a newspaper a day or two ago, a release on the same idea popped right off the page.

Personalize your home with collections of your favorite things, say the decorating experts. Let your individuality show by displaying those items of memorabilia and significance to your life. Let your home "be you."

After taking quick inventory of our home, it appears the place might be inundated by collections of "us."

Like the assorted work footgear on decorative display outside each of the three entrances to the house. Though the individual pieces do seem to rotate among the collections and vary with the seasons, this display is a semi-permanent fixture.

Ratty sneakers are the focal point in this hot weather, high tops in blue or red, low slip-ons in a faded shade of pink (with the side and toe busting out of the right one), and damp or recently washed ones set outside to dry in the breeze and sunshine. Telltale buildup of barnyard waste, clingy bits of hay and straw, and permanent machine grease stains relate a great deal about the real "us."

While a few high-topped rubber boots remain on one porch, temperatures mostly preclude their popularity until more brisk weather arrives. Of course, then the footgear collection relocates to the inside, against chilling rains, ice accumulations and disappearance under snowdrifts.

Adding scattered, colorful touches at strategic points of decorating interest are individual items from our extensive grubby-tee-shirt collection. Pieces of this highly-personalized assortment are continually lost enroute to the permanent display site, which is next to the washing machine in the basement.

So there may be a grease-dotted, bright red, wadded-up tee shirt brightening the basement couch. And a navy blue tee shirt, sporting scattered weld-burn holes, adding color to the bathroom floor. Gracefully draped across the back of a kitchen chair will be one in turquoise laced with feed dust or a manure spattered yellow one.

A favorite, the pink Hot Tuna shirt, with fish of graduating sizes about to gobble each other up, may have gotten as far as the first step to the third floor.

Another "us" collection is the array of farmer hats. (My definition of a "farmer hat" is a baseball-type cap with printed promotion of an ag commodity, service or supply input of some sort.) The farmer hat collection is so extensive it overflows the confines of the house. Our hat collection adds the distinct personal signature of an ag family to the barn office, pickup trucks, machine shed, assorted pieces of equipment and the patio lawn furniture, on occasion.

A good friend and fellow dairy producer actually does collect "farmer" hats, but maintains them in sparkling new conditions as a true collection. Those hats don't spend their lives buried in a cow's muddy flank or as a head cushion while working under a piece of equipment.

Of course, we collect all sorts of items in the theme of cows, and I've contributed my share of collectible clutter in the form of baskets and a jungle's worth of plants.

But undoubtedly the most dangerous collection at the moment has become a highly mobile one, threatening life and limb of anyone who sets foot in the house. Despite attempts to corrall this collection to the relative safety of the basement, housecat Monkey's latest contribution to "us" continues to escape.

Her five, fat black and white "Holstein" kittens, born the morning of our daughter's wedding, regularly claw their chubby ways up the stairs. There, they artistically arrange themselves through the baskets and plants, over the hats, sneakers and grubby teeshirts, in the most adorable manner.

Perhaps we can share a little of this last "us" with others. There will shortly be a limited offer to others wishing to start their own collection of a similar nature.

Distinction Winners

(Continued from Page B3)

the Longeneckers said, they didn't consider giving up farming. Glen explained, "It's too much fun on the farm. It's more than a job, it's your life. It would be hard to give up the excitement such as chasing peeps through the fields when a neighboring farmer forgets to close his chicken house door."

Unknown to the Longeneckers, relatives Glen and Joyce Shultz filled in the dairy distinction form that enabled the Longeneckers to receive the dairy of distinction award.

Sharon said, "It was a surprise—a pleasant one—to see that others enjoy our farm also. We don't fix up our farm to impress others. We do it because we believe as good stewards we should take care of what we have."

To receive the award after fire clean-up makes the honor especially sweet.

Sharon explained, "There's lots of things you value before a fire that you don't as much after one. Earthly possessions do not mean as much. It's our friends and family who we value the most. They helped make this (the award) possible. We couldn't have done it without them. We are thankful for them."

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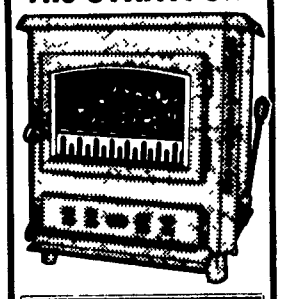

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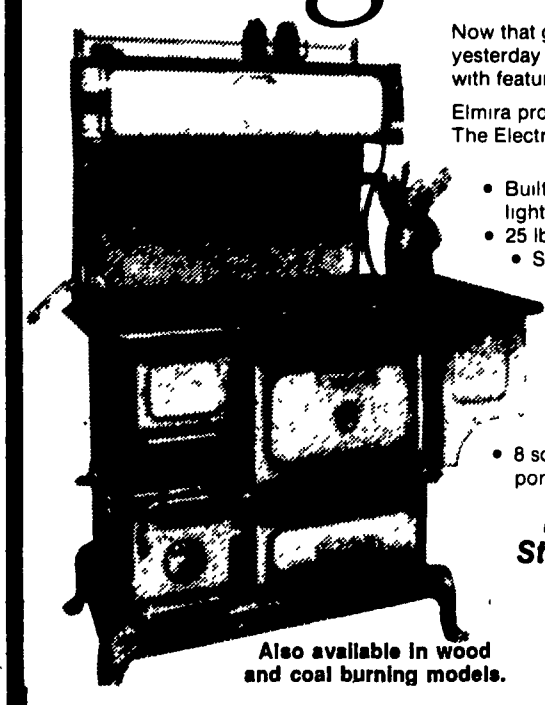

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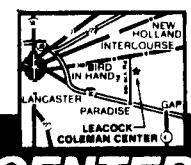

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MICROWAVE MINUTES

By JOYCE BATTCHER

Perhaps by now you've "had it" with zucchini — especially with *big* zucchini. Here are a few delicious ways to use up all those large, overgrown zucchini from the garden. The small, perfect ones from the supermarket or farmer's market also work fine in these recipes.

You may think I've gone too far in my quest to add zucchini to recipes in Lemon Zucchini Dessert Sauce (below). Buy, try it anyway! It's perfect on gingerbread or angel food cake. It adds few calories and no fat. The zucchini gives a mellowness to the sauce — meaning you can use less sugar and still have a wonderful sweet-tart lemony taste.

Zucchini added to cakes and quick breads produces moistness and seems to keep the cake or bread from drying out. Zucchini Lemon Gingerbread (below) is a good example. Shredded zucchini adds the moistness, while grated lemon rind adds a new flavor to a gingerbread mix.

I tried two different brands of mix — both produced moist rich-tasting results. I recommend a ring-shaped or round dish, rather than the traditional square pan. An 8- to 10-inch ring-shaped dish cooks the gingerbread most evenly and fastest. If you don't have a ring-shaped microwave cake dish, set a glass upright in a microwavable round cake dish or casserole.

A round 9-inch cake dish also works well, but takes 4 to 5 minutes more of microwaving time than a ring dish. Gingerbread edges are done in about 5 minutes, but it takes 4 to 5 more minutes before the center cooks done. However, the edges don't get overly dried out with this recipe, like they do with some other cakes or breads.

For the third recipe, I added zucchini to my daughter's favorite recipe. She loves to eat the original on spaghetti. She said Tomato Zucchini Meat Sauce "wasn't too bad." (That was a compliment from a zucchini hater!) The sauce cooks quickly even with the added zucchini.

When preparing zucchini to add to recipes, leave the green peel on — unless it's very hard — for increased nutrition and fiber. Shredding zucchini — rather than chopping it — means it will blend in better with other ingredients and cook faster. Shred zucchini with the medium shredding disc of your food processor or the big holes of a hand grater.

Large zucchini contain a lot of moisture. To reduce this, remove seeds before shredding. Large zucchini also release moisture when shredded — especially when shredded with a food processor — so drain and squeeze out some of this liquid.

When adding zucchini to most recipes, reduce the amount of liquid to compensate for some of the added moisture from the zucchini. For example, in gingerbread and most cakes, reduce liquid by ½ cup when adding 1 cup of shredded zucchini. For a sauce or casserole, omit about ¼ of the liquid. You can always add it back towards end of cooking, if needed. In the lemon sauce, I reduced the water by ¼ cup when adding ½ cup of zucchini. For the spaghetti sauce, I omitted the ¼ cup of water called for in the original.

Zucchini Lemon Gingerbread

1 package (14-14.5 ounces) gingerbread mix

1½ teaspoons grated lemon peel

1 cup shredded unpeeled zucchini

Lightly oil a microwave-safe 8- to 10-cup ring mold. If desired, sprinkle evenly with a sugar-cinnamon mixture. (Or use a microwave-safe 8- or 9-inch cake dish with a small drinking glass set right-side-up in center.)

In medium mixing bowl, stir together gingerbread mix, lemon peel, and ½ cup less liquid than called for on package directions. (Add an egg, if package directs.) Mix as directed on package. Pour batter into prepared dish. Microwave (High) 5½ to 6½ minutes, rotating dish once if necessary for even cooking. Gingerbread is done when it starts to pull away from dish edges and center. Let stand, covered with waxed paper, 5 minutes. Invert onto serving plate. Cool completely or serve warm, with Lemon Zucchini Dessert Sauce (below). Makes 8 servings.

With 9-inch round cake dish: Do not butter or oil dish. Allow 3 to 5 more minutes of cooking time. Gingerbread is done when center looks cooked. (Center may still look *slightly* moist.) Cool as above. Serve right from dish.

Each serving: 200 calories, 2g protein, 5g fat, 37g carbohydrate, 216-320mg sodium, 0-26mg cholesterol.

Lemon Zucchini Dessert Sauce

1 tablespoon cornstarch

¼ -⅓ cup granulated sugar

¼ cup water

½ cup shredded zucchini (remove peeling, if desired)

2 tablespoons lemon juice

½ teaspoon grated lemon peel

In microwave-safe 1-quart measure or deep bowl, stir together cornstarch and sugar; gradually stir in water until smooth. Stir in zucchini. Microwave (High) 2 to 2½ minutes, stirring after each 1 minute, until mixture is thick and bubbly. Stir in lemon juice and peel. Serve warm over Zucchini Lemon Gingerbread, regular gingerbread, spice cake or angel food cake. Makes 1 cup.

Each serving — 2 tablespoons: 30 calories, 0 protein, 0 fat, 9g carbohydrate, 0 sodium, 0 cholesterol.

Easy Tomato-Zucchini Meat Sauce

1 pound ground lean beef or pork

1 medium onion, chopped

1-2 cloves garlic, minced

2 cups shredded, unpeeled zucchini

1 can (15 ounces) tomato sauce

2 teaspoons Italian herb seasoning

Salt and pepper

Place meat, onion and garlic in microwave-safe 2- to 2½-quart casserole. Microwave (High) 4½ to 5½ minutes or until meat is no longer pink, stirring once. Drain off most fat. Stir in remaining ingredients. Cover with lid. Microwave (High) 8 to 10 minutes, stirring once. Season to taste. Serve over pasta and sprinkle with Parmesan cheese. Makes 4 to 6 servings.

Each serving — 1/6th of recipe: 196 calories, 16g protein, 11g fat, 9g carbohydrate, 62mg sodium, 49mg cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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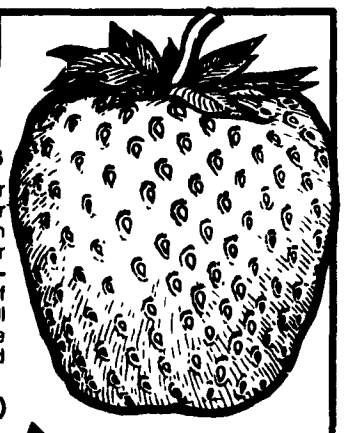

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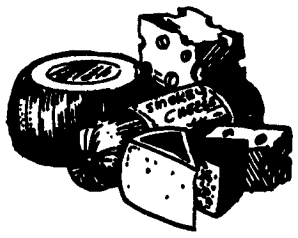
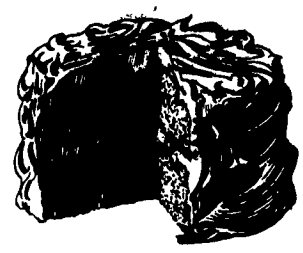


Home On The Range



Preserve Summertime Harvest

Modern home canning has changed considerably in recent years. Changes arising from scientific research and new technologies have resulted in safer, higher quality products.

If properly done, canning is a safe and economical method of preserving quality food in the home.

Pressure canning is the only recommended method for canning meat, poultry, seafood and vegetables. The bacterium found on low-acid foods, is destroyed when foods are correctly canned in a pressure canner, using a proper process schedule.

Many of the following recipes are reprinted from Penn State Extension Services.

If you home can tomato juice, chances are the juice usually separates in the jar. This is because it is made by the "cold-break" method, to use the food scientist's terminology. The tomatoes are crushed before they are heated throughly. As soon as they crushed, enzymes start to break down the pectin that "cements" tomato cells together.

Commercially tomato juice is extracted by the "hot break" method. The tomatoes are heated nearly to boiling in a matter of seconds. With the "hot break method," enzymes that break down pectin are destroyed before they have a chance to act. As a result the pectin that holds tomato cells together remain intact, a thick-bodied, homogeneous juice is produce.

RED PLUM SPREAD

1¼ cups plums, peeled
¼ cup water
1 teaspoon lemon juice
1¼ teaspoons granulated gelatin
Artificial sweetner substitute for 4 tablespoons sugar

Wash plums, discard stones and bad spots. Cut plums in small bite-sized pieces. Measure 1¼ cups plums. Combine plums with ½ cup water and lemon juice in a heavy saucepan. Bring to a boil. Simmer gently about 8 minutes, stirring frequently. Meanwhile, soak gelatin in ¼ cup cold water. Remove cooked plums from heat, stirring gelatin and artificial sweenter and mix well. Turn into clean small jars; cover tightly until cool. Store in refrigerator. Calories, 8; sodium, trace.

Mary Watkins
Clarksburg, MD

TOMATO JUICE

Heat one pound of quartered tomatoes to boiling as fast as possible while stirring. Continue to quarter and add more tomatoes to the pot at a rate that does not stop the boiling. After all tomatoes are added, cook them another 5 minutes, then put them through a strainer.

A blender or juicer encourages the enzymatic breakdown of pectin and allows air, which destroys vitamin C, into the juice.

Pack boiling hot tomato juice into jars, add 2 tablespoons lemon juice or ½ teaspoon citric acid per quart, leaving ¼ -inch headspace and process 35 minutes for pints or quarts in a boiling water bath or 10 minutes in a pressure canner at 10 pounds pressure.

FRESH PEACH SPREAD

2 cups peaches, peeled
1 teaspoon lemon juice
¾ cup cold water
1½ teaspoons granulated gelatin
Artificial sweentner substitute for 3 tablespoons sugar
½ teaspoon pure orange extract

Select ripe peaches (about 1 pound). Pare peaches and remove pits. Cut peaches in small bite-sized pieces. Measure 2 cups. Place in a heavy saucepan with lemon juice and add ½ cup cold water. Bring to a boil. Simmer gently for 8 minutes, stirring frequently. Meanwhile soak gelatin in ¼ cup cold water. Remove cooked peaches from heat. Add gelatin, artificial sweetner, and orange extract. Mix well to blend flavors and dissolve gelatin. Turn into 2 or 3 small hot jars. Cover tightly and allow to cool. Store in refrigerator. Calories, 7; sodium, trace.

Mary Watkins
Clarksburg, MD

PEPPER RELISH

12 green peppers
12 red peppers
12 yellow peppers
12 medium onions
½ cup salt
½ cup vinegar
½ cup water
3 cups sugar

Grind pepper and onions. Add salt. Rinse 3 times. Combine remaining ingredients and bring to a boil for 15 minutes. Pour into jars and seal. Makes 5 pints.

Betty Biehl
Mertztown

Preserve fruits and vegetables now and enjoy the good taste of summer's freshness year-round.

PICKLED CAULIFLOWER

12 cups cauliflower flowerets
4 cups white vinegar
2 cups sugar
2 cups thinly sliced onion
1 cup diced sweet red pepper
2 tablespoons mustard seed
1 tablespoon celery seed
1 teaspoon turmeric
1 teaspoon hot red pepper-flakes

Wash cauliflower. Blanch in salt water (4 teaspoon salt per gallon water) for 3 minutes. cool and drain. Combine vinegar, sugar, onion, diced red pepper, and spices in large saucepan. Bring to a boil and simmer 10 minutes or until vegetables are tender-crisp. Distribute onion and pepper among jars; pack cauliflower in jars to within ½ -inch of top. Add boiling syrup to cover, leaving ½ -inch headspace. Adjust lids and process for 10 minutes in water bath.

APPLESAUCE

An average of 21 fresh pounds is needed per canner load of 7 quarts. A bushel weighs 48 pounds and yields 14 to 19 quarts of sauce, an average of 3 fresh pounds per quart.

Wash, pare and core apples. Slice into water containing ascorbic acid. Drain and rinse.

Hot pack - Place in 4- or 6-quart saucepan, leaving 1-inch headspace. Add ½ cup water and heat quickly, stirring until tender (5 to 20 minutes, depending on maturity and variety). Press through a sieve or food mill. Add ¼ cup sugar per quart. Mix, taste and add more sugar if desired.

Reheat sauce to boiling. Fill hot into clean jars, leaving ½ -inch headspace. Adjust lids and process. If you prefer chunk-style sauce, sweeten and pack without sieving. Boil in canner for 20 minutes.

FRUIT NUT MIX

½ cup dried apricots, halved
3 cups dry roasted unsalted peanuts
1 box seedless raisins
1¼ cups dates, chopped
1 cup unroasted cashew pieces
1 cup walnut pieces
1 can flaked coconut

Combine ingredients in large bowl. Toss to mix. Place in airtight container or plastic bags. Store in refrigerator. Makes 10 cups.

Betty Biehl
Mertztown

FROZEN CORN

6 cups corn
1 cup water
2 tablespoons sugar

Sprinkle lightly with salt over corn. Cook until bubbling. Empty on cookie sheet. Cool. Pour into freezer container. Freeze. Contributor writes: "Delicious."

Treva Leese
Hanover

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

August
19- Apples
26- Quick Casseroles

Sept.
2- Poultry

Featured Recipe

Olive and Black-Eyed Pea Salad is nutritious, wholesome and inexpensive, yet it looks and tastes like a gourmet deli salad. There's a subtle interplay of flavors and textures that works especially well with these ingredients. Fusilli, or "corkscrew" pasta and black-eyed peas are the heart of the salad, but it's California black ripe olives that really make it tantalizing. Olives add a nutty, distinctive flavor and striking color contrast. Slivered red bell pepper and minced parsley add to the confetti-color.

Olive and Black-Eyed Pea Salad

8 ounces dried black-eyed peas (1¼ cups)
1 can (14½ ounces) beef broth
3 cups water
2 medium cloves garlic, minced (1½ teaspoons)
2 bay leaves (about 3½ inches long)
1 teaspoon salt
¼ teaspoon pepper
4 ounces (1½ cups) fusilli (corkscrew pasta)
1 cup pitted ripe olives, halved
½ cup slivered red bell pepper
½ cup minced parsley
Vinaigrette (recipe follows)
Lettuce leaves

Rinse black-eyed peas; place in saucepan with beef broth, water, garlic, bay leaves, salt and pepper. Bring to boil and simmer for 1 hour or until beans are tender. Meanwhile, drop fusilli into 1½ -qt. boiling water and boil for 8 to 10 minutes or until tender. Drain beans and fusilli and combine with olives, bell pepper and parsley. Mix gently with vinaigrette. Serve on lettuce-lined plates.

Vinaigrette: Combine ½ cup olive oil, 6 tablespoons red wine vinegar and ½ teaspoon each basil, oregano, thyme, tarragon in a jar and shake to mix. Makes 6 cups, 4 (1½ cup) servings.

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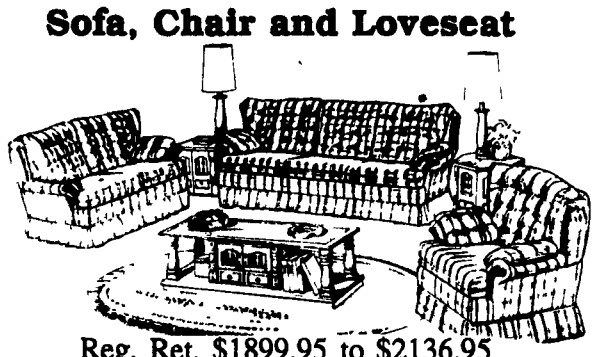

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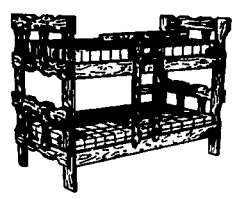

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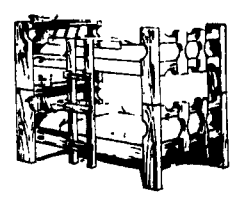

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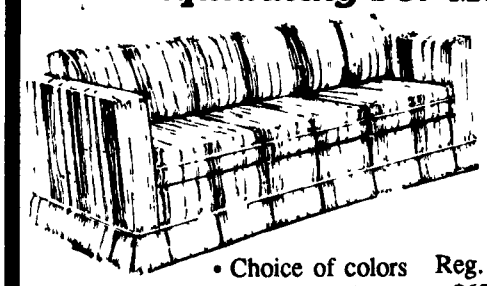

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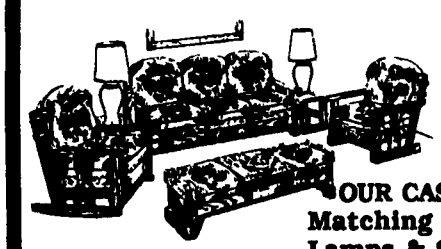

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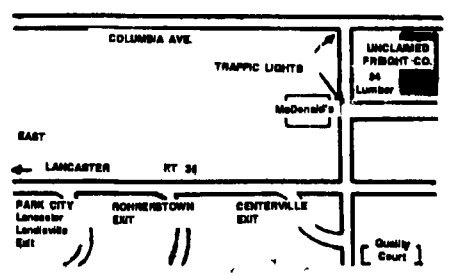

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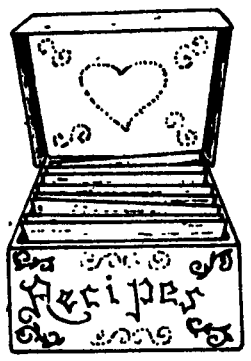

Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — D. Webber, Purcellville, Va., requests recipes and ideas for buffet foods for a wedding reception. She especially wants finger food ideas. Editor's Note: Watch for a feature on buffet foods in an upcoming issue.

QUESTION — Roseann Metz, Willow Hill, requests a recipe for peanut crumble, a dessert served at Buckhorn Inn near Staunton, Va.

QUESTION — Doris Dibert, Everett, would like to know where NEATWAY freezer boxes can be purchased.

QUESTION — Nancy Slaymaker would like a recipe that tastes similar to Quaker 100% Natural Cereal.

QUESTION— Inez Ware, Waynesboro, Va., requests a recipe for making A-1 steak sauce.

QUESTION — V. Martin, Springfield, Va., requests a recipe for yogurt ice cream and for frozen ice cream in vanilla, chocolate and strawberry flavors.

QUESTION — Mildred Vorndran, Webster, NY, requests a recipe for dill relish.

QUESTION — Ida Book, Blain, requests a recipe for a cheese spread that uses several different kinds of cheeses. She wants to use ends that are left over after slicing for a deli.

QUESTION — A reader would like a recipe for Bear Claws. It is a yeast dough that is rolled and spread with a fruit butter then lapped over two times. Slits are made in the dough to look like claws.

QUESTION — Grace Ikler would like a recipe for dill pickles in a 10-gallon crock.

QUESTION — Sandra Duffy requests a recipe for tomato patties. She believes the patties contain bread crumbs, celery, eggs, tomatoes, and parsley.

QUESTION — A.K. from Millersburg would like recipes using blackstrap molasses.

QUESTION — Esther Herr would like the recipe for a Mexican sauce called Sensational Salsa, medium hot.

QUESTION — George Bernas of Cochecton, NY, requests a recipe for dry-cured sopressata.

QUESTION — Mrs. Lewis Shippey, Tunkhannock, requests a recipe for making graham crackers.

QUESTION — Josephine Rudy, Hummelstown, requests a recipe for chocolate chip cookies that stay moist and do not hardened after they are baked.

QUESTION — Josephine Rudy, Hummelstown, requests a recipe for moist bran muffins.

QUESTION — Josephine Rudy, Hummelstown, requests recipes for casseroles and main dishes using zucchini.

QUESTION — Norman E. Hartman, State College, requests a recipe for funnel cakes.

ANSWER — Wilma Keller, Sellersville, sends a big, soft spice cookie to answer Susan Miller's, of Fawn Grove, request.

Oatmeal/Raisin/Nut Cookies

¾ cup granulated sugar
3 cups brown sugar
1½ cups margarine, melted
4 eggs, beaten
2 cups oatmeal
4 cups flour
2 teaspoons baking soda
2 teaspoons cinnamon
½ teaspoon salt
1 cup chopped nuts
1½ cups raisins

Combine sugars and margarine; add beaten eggs. Add oatmeal, flour, soda, cinnamon, and salt. Last add nuts and raisins.

Divide cookie dough into 3 bread loaf pans, well greased or sprayed. Place wax paper over dough and press down. Chill until cold.

Slice ¼ inch thick. Bake at 350 degrees for 10 minutes on ungreased cookie sheets.

ANSWER — Lisa Barnes of Christiana requested a recipe for peanut butter fudge. Thanks to Treva Leese, Hanover, the following recipe.

Peanut Butter Fudge

4 cups granulated sugar
1 stick margarine
1 can evaporated milk
Boil 5 minutes, stirring
Add:
12 ounces chocolate chips
1 cup peanut butter
8 ounce jar marshmallow cream
Mix well. Pour into pan. Cool and cut.

ANSWER — G. Kokinda of Nuremberg requested a recipe for Smoked Beef Lebanon. Thanks Edwin Mashel, Brogue, for your recipe.

Lebanon Bologna

100 pounds lean beef
3 pounds salt
1½ ounces salt petre
4 ounces pepper
6 pounds brown sugar
1 gallon molasses

Grind meat. Mix together salt and saltpetre. Layer meat in crock or tub. Sprinkle salt mixture on top. Layer meat and salt, finish with salt layer. Let stand in cool place about three weeks. Grind meat. Mix pepper, sugar, and molasses with meat. Grind again. Stuff in muslin socks. Hang in smokehouse and smoke with green hickory for about 10 days or longer. Let hang several weeksw until finished. Slice and freeze in plastic bags. May be kept for one year in freezer.

ANSWER — V. Martin, Springfield, Va., requested ice cream in vanilla, chocolate and strawberry flavors. Thanks S. Swartzentruber, Oakland, Md; and Alta Hoshour, Bowmansville, for sending the following receipes.

Ice Cream

Mix together:
2 tablespoons flour
1¼ cups sugar
½ teaspoon salt
Add ¼ cup milk and 2 egg yolks. Mix well. Add 1¾ cups milk. Cook until thick; stirring while cooking. Cool and add 1 quart cream, and 2 tablespoons vanilla. Fold in two beaten egg whites. Makes about ½ gallon.

Ice Cream

1½ cups granulated sugar
2 tablespoon vanilla
1 package instant pudding
1 pint cream or 1 can evaporated milk.

Fill 4-quart ice cream freezer with whole milk until three-fourths full. Pack with ice and turn until stiff.

Chocolate Ice Cream

3 cups cream or 2 cans evaporated milk
2¼ cups granulated sugar
4 eggs
1½ tablespoons vanilla
Dash salt
6 tablespoons powdered cocoa dissolved in a little hot water.

Fill 4-quart ice cream freezer to three-fourths full with whole milk. Add remaining ingredients.

ANSWER — L.S. of York Springs requested a recipe for Amish macaroni salad that tastes similar to that made by Winter Gardens of New Oxford. Thanks to Judy Burgard, East Berlin, for sending in her favorite recipe. She suggests that it should be made a day before serving.

Macaroni Salad

1 pound macaroni, cooked
Rinse, cool and add the following:
2 cups sugar
4 tablespoons mustard
Mix sugar and mustard with macaroni.
Add:
1 can canned milk
2 cups mayonnaise
⅔ cup vinegar
Chop:
2 carrots
½ stalk celery
Mix all ingredients together then add:
5 hard boiled eggs
Salt to taste

(Turn to Page B9)

Preserve

(Continued from Page B6)

SPAGHETTI SAUCE WITH MEAT

30 pounds tomatoes
2½ pounds ground beef or sausage
1 cup chopped celery or green pepper
1 cup chopped onion
4½ tablespoons canning salt
2 tablespoons oregano
5 cloves garlic, minced
4 tablespoons minced parsley
2 teaspoons black pepper
¼ cup brown sugar
1 pound fresh mushrooms, sliced

Wash tomatoes and dip into boiling water for 30 to 60 seconds or until skins split. Dip in cold water and slip off skins; remove cores and quarter. Boil 20 minutes, uncovered, in large saucepan. Put through food mill or sieve.

Saute beef or sausage until brown; add garlic, onion and celery or green pepper and mushrooms, if desired. Cook until vegetables are tender. Combine with tomato pulp in large saucepan; add spices, salt, and sugar. Bring to a boil; simmer, uncovered, until thick enough for serving. The volume should be reduced by one-half. Stir frequently to avoid burning. Fill hot into clean pint jars, allowing 1-inch headspace. Adjust lids and process for 60 minutes under 10 pounds pressure.

NO-COOK GRAPE JUICE JELLY

3 cups grape juice
5¼ cups sugar

Have fruit juice at room temperature. Use containers that are 2 cups or less. Wash and dry plastic containers and lids. Measure juice into large bowl. Measure sugar into separate bowl. Stir sugar into juice. Set aside for 10 minutes. Mix ¾ cup water a 1 box fruit pectin in small saucepan. Bring mixture to a full rolling bowl over high heat, stirring constantly. Continue boiling for 1 minute.

Stir pectin mixture into juice. Stir constantly for 3 minutes.

Fill all containers immediately to ½ inch of tops. Wipe off the top edge of containers and quickly cover with lids. Let stand at room temperature for 24 hours. Store in freezer until opened. After opening, store in refrigerator up to 3 weeks.

ZUCCHINI CINNAMON RINGS

Day 1: Slice in rings and peel enough zucchini to make 3 gallons. Cut seeds out. Add 2 cups pickling lime and enough water to cover slices. Soak overnight.

Day 2: Drain and rinse. Add
1 bottle red food coloring
1 cup vinegar
1 tablespoon alum

Add enough water to cover rings and bring to a boil. Simmer 2 hours.

Drain. Make syrup as follows:
10 cups sugar
2 cups water
2 cups vinegar
6 ounces red cinnamon candies
8 broken sticks cinnamon

Bring to a boil and pour over rings.

Day 3: Drain syrup and bring to a boil and pour over rings.

Day 4: Drain syrup and bring to a boil. Put rings in jars and seal.

Joyce Sheedy
Mount Joy

4-H'ers Discover Differences And Similarities

NEWARK, DE. — Delaware youngsters from the Westville 4-H Club have shared the 4-H experience with mentally handicapped students at the John S. Charlton School. Last year, aided by a grant from the Dr. Scholl Foundation, the Westville Club, located just west of Wyoming, helped start the Westville 2 4-H Club for Charlton students.

The Westville 4-H'ers found their opportunity at the Charlton School, which is housed in the Caesar Rodney School District but serves Delaware families from Smyrna to Milford. The club came up with the idea of starting the Westville 2 4-H club as a result of the Special Olympics, statewide athletic games designed for handicapped children and adults.

"In March of 1988, I was asked by one of the Westville 4-H'ers to give a talk about the Special Olympics to the 4-H club," says Sandy Palmer, teacher at the Charlton School. Some of the Westville members agreed to help the Charlton students prepare for the games.

"They helped our students play volleyball," Palmer says. After building up this rapport with the Charlton students and learning of the grant offered by Scholl, the Westville club wanted to extend 4-H projects to their new friends. The Scholl Foundation grant is designed to get new or innovative 4-H programs involving handicapped children off the ground.

Using the grant money to buy project supplies, the Westville 2 4-H club began last fall with 12 members ranging in age from 11 to 19.

The new 4-H club is run like any other, based on projects designed for any first-year 4-H group. It lets the children experience a variety of 4-H projects, encourages them, and builds their self-confidenee, poise and leadership skills.

"One month we hatched eggs," 4-H leader Gooden says. The 4-H embryology science project-- hatching eggs in an incubator-- is only one of many educational projects available to clubs. "We do something different every month," she says.

They were busy making caterpillar clothespin memo holders to enter in the Kent County 4-H Fair and at the Delaware State Fair.

The 4-H'ers learned planning and organizational skills by scheduling a picnic and planning the menu. They learned consumer skills and how to handle money by shopping for the needed food items.

Using homemade cards with the picture and the name of the food item written in large letters, each Westville 2 4-H'er set off in the grocery store with a Westville pal to purchase picnic supplies.

While they shopped, the 4-H'ers from both clubs learned about cooperation-- not only with their buddy who accompanied them in the store, but cooperation of a whole group of people to accomplish a common goal.

Although formal 4-H meetings are suspended over the summer, the influence of 4-H will continue to enrich the Charlton students' summer activities.

"One of the Westville 2 girls just returned from state 4-H camp," Gooden says. "She had a great time."

Charlton teacher Palmer says another of her students, inspired by the embryology project, is hatching eggs in a home incubator and raising chickens with parental help. And several of the Westville 2 4-H'ers entered projects in the 4-H department at the Delaware State Fair.

According to Gooden, it's not only the Westville 2 members who have gained from their shared activities. The Westville club members have gained a sensitivity toward the mentally handicapped and have made new friends. The Charlton teacher agrees.

"4-H is based on developing good friendships, learning things on the way and having fun doing it," Palmer says. "We hope to continue the Westville 2 club next year. Really they all have gained."

Two 4-H clubs combine forces to organize, plan menus, and grocery shop for an end-of-the-year picnic. Using grant funds, the Westville 4-H Club extended 4-H activities to students from the Charlton School for the mentally handicapped.

Cook's Question

(Continued from Page B8)

ANSWER — Charlotte Devilbiss of Taneytown, Md., requested recipes for canning pork and chicken. Meats must be pressured cooked to insure proper sealing. Thanks Treva Leese, Hanover, for the following.

Choose fresh chicken or pork. Older chickens are more flavorable than fryers. Cut the meat into suitable pieces for canning. Can without bones.

Hot pack - Boil, steam, or bake meat until about two-thirds done. Pack hot pieces in clean jars, leaving 1¼ -inch headspace. Add boiling broth, leaving 1-inch headspace.

Raw pack - Pack raw meat pieces loosely in clean quart jar, leaving 1¼ -inch headspace. Do not add liquid.

Add 1 teaspoon of salt per quart, if desired. Adjust lids and process 60 minutes at 15 pounds pressure.

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Another special exhibit involves steam power

Steam traction engines will be puffing, the saw mill will be running, over 200 gas engines will have their own display area, and John heisey, noted Lecturer and author, will give two talks daily on barn building, the use of early farm tools, and other topics.

Tempting Food Treats will including a breakfast menu each day, homemade ice cream, inches-high ham and cheese sandwiches, funnel cakes and other goodies as well as full-course meals are available from members of the Auxiliary and members of the Kinzers Fire Company.

EVENING PROGRAMS

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THURSDAY:	Square Dancing
FRIDAY:	Steam And Gas Games
SATURDAY EVENING:	New Holland Band
DAILY:	Rajah Temple String Band

Kid's Korner

Readers Write

Hi,

My name is Daniel Esh. My parent's names are Eli and Elizabeth Esh. I live on a dairy farm. I have two sisters and one brother: Me, 9; Salonie, 8; Amos, 6; Mary, 3.

We have six work horses and one mule: Bob, Bill, Dick, Dock, Buster, Barney, and Judy. We have five cats and 12 kittens. On August 3, we want to get a puppy from our grandfather. I like to read Kid's Korner.

Daniel Esh
Christiana

Hi!

My name is Miriam. I am in the fourth grade. My dad's name is Emanuel and my mom's name is Hannah. I have one brother and two sisters: Ruth, 11; Me, 9; David, 5; Rachel, 3.

We have 42 cows and eight work horses and 2 drive horses and a pet dog, Moon Light.

We have geese at our pond. We started feeding them. They come up just about by our house. We also see deer on our farm about every day.

We also have twin calves. Their names are Grace and Gail.

Miriam King
Coatesville

Hi,

My name is Melissa Cook. I'm 11 years old. I'll be 12 in November. I live in Easton, N.Y. on a farm. We have 40 cows, 45 pigs, and chickens. I have a black and white dog named Troubles and a black and white pig named Precious. I'm showing a black and white calf at the fair. I would like a pen pal from Pennsylvania.

Melissa Cook
R.D.1, Box 385, Greenwich, NY 12834

Hello,

My name is Linda Esh. My parents' names are Amos and Lydia Esh. We live on a dairy farm. We have 40 cows. I like to help with the chores. We have four drivers. They are Sparky, Skippy, Silver, and Scotty. We have two work horses. They are Dick and Dock. We have four mules. They are Pet, Kate, Jen and Jull.

I have four brothers and three sisters. They are Issac, 19; Anna, 18; Henry, 16; Samuel, 15; Salome, 13; Linda, 10; Ruth, 8; and Amos, 7. We have five little kittens and four big ones. My birthday is November 12, 1979. My teacher's name is Sylvia Fisher. I am in sixth grade. I go to Pine Grove School. I like to read Kid's Korner.

Linda Esh
Strasburg

Hi!

I am Norman Oberholtzer from Snyder County. I am 10 years old and my birthday is January 30.

I have two sisters: Susan, 9; Arlene, 1; and three brothers: Alvin, 7; Steven, 5; Leonard, 3. We have 28 dairy cows and a dog kennel with 33 dogs. I help Dad with chores.

Norman Oberholtzer

Hello,

My name is Lydia Zook. My parent's names are Mose K. Zook and Arie S. Zook. I have two sisters and three brothers. The names are: Me, 11; Sadie, 10; Fannie, 8; John, 6; Stephen, 4; Mose Jr., 3 weeks and 5 days. My birthday is November 28, 1977. I am ready for seventh grade. My teacher's name is Mary Stoltzfus. I live on a farm. We have five cats. Their names are Amanda, Puff, Silver, Curly, and Dorthy. We also have three kittens. Their names are Tiney, Fluff, and Tiger. I like to read Kid's Korner. Bye for now!

Lydia S. Zook
Turbotville

Hi,

My name is Arlene Weaver. Next term I will be in seventh grade. On May 25, 1977 I was born. I am 12.

We have four little puppies. They were born on June 5. They were born on my brother's first birthday. The puppies names are Daisy, Frisky, Shaddow and Sporty. The mother dog's name is Daisy.

We also have lots of cats.

My parents' names are James and Alma Weaver. I have one sister and four brothers: Arlene, 12; Harold, 10; Miriam, 8; Mervin, 6; John David, 3; and James Jr., 1.

My grandparents live about a quarter mile from us.

We have one horse. Her name is Dixie and one cow. Her name is Sunflower. We have a steer and pig farm. We also have two greenhouses and a roadside stand. We also have shrubs.

Right now, I am at my cousin Dorcas Elaine's house for four days. In May, I went to Wisconsin. It was fun.

Arlene Weaver
Kutztown

Dear Kid's Korner,

My name is Rachel Wenger. My birthday is August 21, 1978. I have three sisters and two brothers. They are Susan, 22; Shirley, 20; Lee, 19; Dale, 14; Rachel, 10; and Marie, 7. Susan and Shirley are married. Susan has a little boy named Jason, 10 months old. My mom's name is Anna and my dad's name is Elmer.

I live on a farm. We have a cow, Bossy. She has a calf, Brownie.

We also have 9 dogs. Their names are Micky, Button, Pearl, Fluffy, Queenie, Lassie, Prince, Tina, and Polly. We don't have any tiny pups right now.

We don't have any steers either, but we might get some soon.

Tomorrow we are going to get chicks. We will raise them and when they get big, we will butcher them and eat them.

Right now we are doing beans, beans, and more beans. I am tired of it.

On July 4, we went to the zoo. We saw monkeys, bears, elephants, hippos, lions, tigers, and many, many other things. It was fun, just as fun as reading Kid's Korner.

Rachel Wenger
Manheim

Hi,

My name is Salomie Esh. I am 8 years old. My birthday is January 15, 1981.

My parent's names are Eli and Elizabeth Esh. I have two brothers and one sister: Daniel, 9; Anna, 6; Mary, 3. We live on a dairy farm. We have 38 cowws and 22 heifers. I go to Chestnut Hill School. My new teacher is Naomi Blank. I like school. I like to help my mother work and also play with my little sister. I like to read Kid's Korner.

Salomie Esh
Christina

Hello,

My name is James Whistler. I have a sister named Erica. I'm expecting a baby brother or sister due on September 13. I am 6½ years old and Erica is almost 8½ years old. I can mow my grandma's grass. We live next door and my dad watches me across the road. My dad lets me drive my uncle's four wheeler behind him back our land when he goes to the dump on the big tractor. We live in a farm house with a barn and about 100 black Angus. I can take my sister for a four wheeler ride down to the barn and back up to the house and it's lots of fun. My sister can drive the fourwheeler too. She takes me for a ride too.

We have three cats: Boots, Butterball, and Tiger, and a dog named Blacky.

James Whistler
R.D.3 Mifflintown

Hello Readers,

My name is Barbie Smucker. I am 10 years old. My parents' names are Eli and Mary Smucker. I have three brothers and two sisters: me, 10; Stevie, 8; David, 7; Linda, 5; Samuel, 3; and Elizabeth 5 months. We have 31 cows and some heifers and a pony named Dusty. Next week we are going to Philadelphia Zoo with some of our uncles and cousins. I look forward for school to start. My teacher's name is John Martin.

Barbie Smucker
Narvon

Hi,

My name is Susie Stoltzfus. I am nine years old. My birthday is January 7, 1980. We have a produce farm. We planted sweet corn, peppers, tomatoes. We babysit four children. My hobby is play baseball, ride horses, play with my dolls. I have two dolls, Katie Mae and Lydia.

Susie Stoltzfus
Christiana

Hello!

My name is Barbie King. My dad's name is Elam King. My mom's name is Emma King. I have four brothers and two sisters. Their names are Mervin, 14; Elizabeth, 13; Steven, 12; me, 11; Christ, 7; Elam, 4; and Linda, 2.

My birthday is February 27, 1978. I go to Meadow Spring School. My teacher's name is Mary Ann Lapp. I am in the sixth grade.

We live on a farm. We milk 38 cows. We have six mules, two driving horses and one pony. The mules names are Judy, Jule, Jane, Cate, Polly, and Jenny. Our driving horses' names are Buster and Ginger and our pony's name is Sparkey. We have one dog. We have three big cats and four little ones. We have six heifers and three calves. I guess I'll close now so bye.

Barbie King

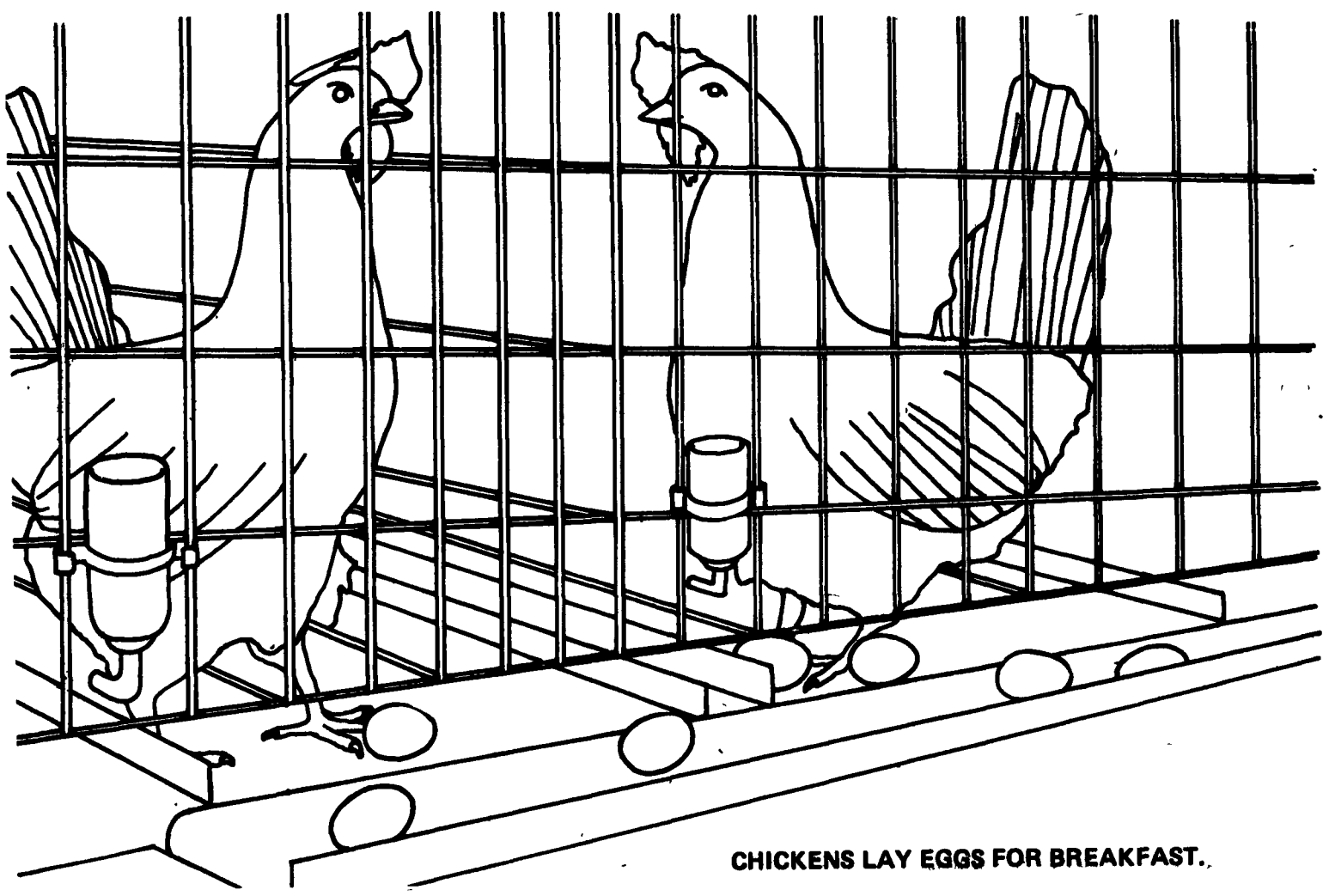
Hi,

My name is Leanne High. I have two brothers and three sisters. Their names are Carl, 13; Kenneth, 12; Carolyn, 10; and me, 9; and Corrine is 7 and she is handicapped. Then it's Charlene, 6. My parents are Elmer and Miriam High.

We have 46 cows and one dog Sandy and a lot of cats. We feed seven calves and lots of heifers. We have three chickens and six rabbits and 10 little bunnies. We had two wild bunnies and then we let them go cause they were wild.

I'm going to be in fourth grade. I enjoy reading Kid's Korner.

Leanne High
Lititz



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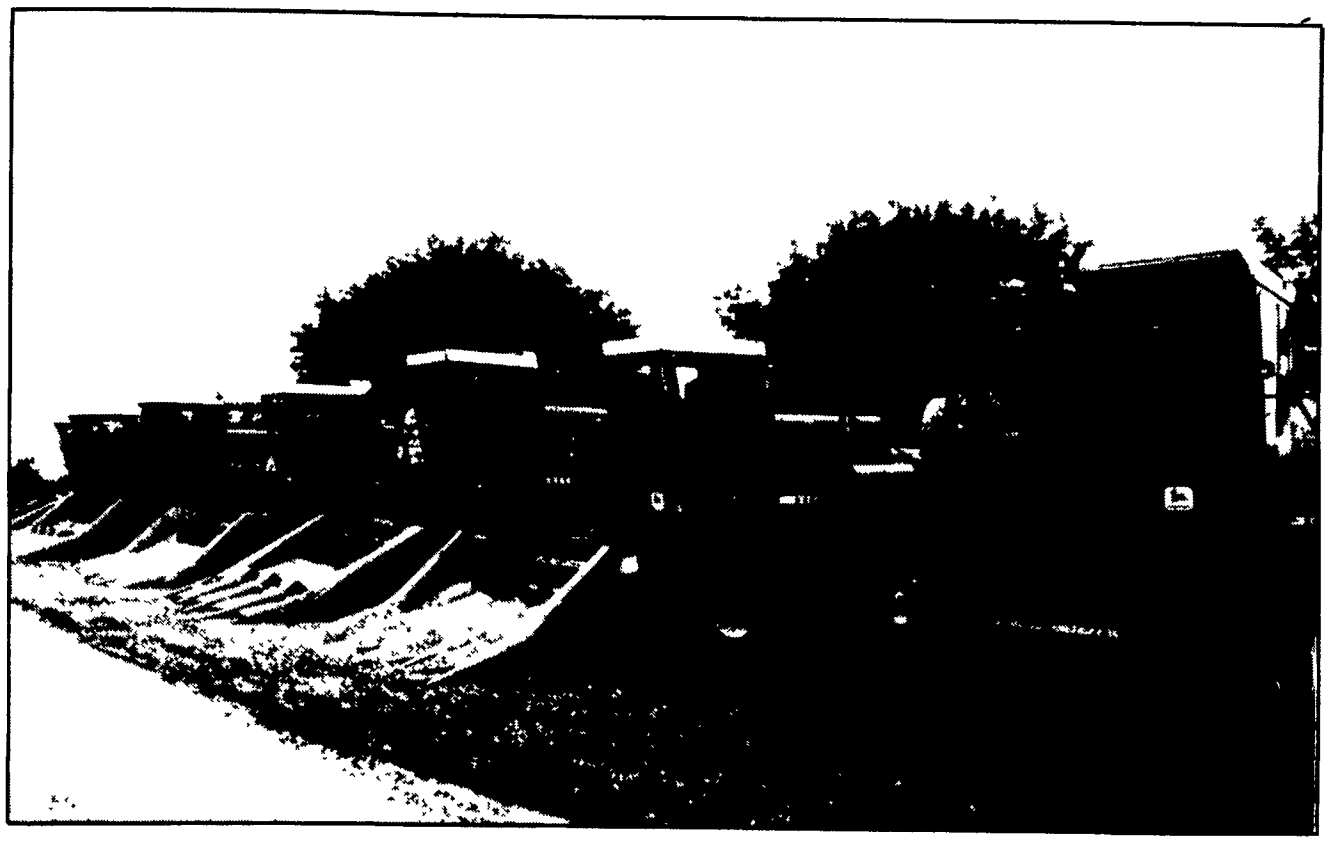

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Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

SELECTING MELONS

August is a peak period for watermelon and cantaloupe supplies. Many people are apprehensive about selecting melons while others rely on techniques that are incorrect or may even damage the fruit. Two techniques that damage melons are pressing on the end of a cantaloupe to see if it is soft, wrongly assuming it is ripe, and shaking the melon under the assumption that if the seeds rattle the melon must be ripe.

Likewise, very few people can slap or thump a watermelon and rightly tell if it is ripe.

The best guide to choosing a ripe juicy watermelon is to look at the underside or belly of the melon that laid on the ground. The ground color changes from a whitish green to white to a creamy white to a yellow tinge in the white as it matures. So select one with a creamy white to yellowish white ground color.

Next, make sure the melon is symmetrical, attractive, and of good color for the variety. A melon with a pointed end or one that is misshapen will not be very sweet. A mature melon has a bloom over the surface of the rind, giving it a velvety or dusty appearance. Too often the bloom gets rubbed off in handling and moving.

Some people thump or slap a watermelon. Generally, this is too vague a test. The thump test is often used at harvest time in the field by a skilled person who knows what sound to expect from a particular variety. An immature melon gives a metallic ringing sound while a mature melon gives a more muffled or dead sound. The only trouble is that an overripe melon gives the same dull sound, so this method of testing has its limitations.

A watermelon is awfully big for a small family. Many markets cut watermelons in pieces. Choose a cut piece with a full red across the surface. Light color or streaks of white indicate immaturity. Seeds should be black or dark brown, not white, for full ripeness. For best taste, flesh should have no cracks or hollows.

To choose a ripe, sweet cantaloupe, let your eyes guide you. First, look at the scar on the stem end where the melon was attached to the vine. The scar should be calloused and slightly sunken. Avoid those with the stem still attached or the stem scar not fully depressed. The scar should be dry, not wet or seeping. A fully mature melon will easily detach from the vine — a "full slip." When a piece of the stem remains attached to the melon, it is called a "half slip."

Next, look for a well-defined netting, the raised corky lines covering the melon. If the netting covers the cantaloupe thickly and stands out like whipcord, the melon is generally good.

The third factor determining maturity is the background color under the netting. The color should be creamy white to yellow. Too deep a yellow, however, may indicate over-ripeness and such melons should be avoided.

Fully ripe cantaloupes also have a delicate aroma, although too often the aroma is hard to detect because the melons have been kept under refrigeraion, or should have been.

There is no such thing as a "vine-ripe" melon unless they are locally grown. Cantaloupes are picked at a mature stage and kept under refrigeration to slow down ripening. So do not be in a hurry to serve cantaloupe even though it is well matured. Cantaloupes do not increase their sugar content after picking but they do become softer, more mellow and more satisfactory to eat if held at room temperature for a day or two after you buy it.

Who's Taking Care Of Your Children?

UNIVERSITY PARK, Pa. — "Who's taking care of your children?" is the topic of a special stage presentation at Ag Progress Days.

Dr. James E. Van Horn, Penn State professor of rural sociology, will discuss the results of a study on child care in Pennsylvania. His presentations will take place in the theater in the College of Agriculture Theme Building at 2:30 on Tuesday and Wednesday and 10:30 on Thursday.

Van Horn has developed many successful programs on strengthening the family. He has authored hundreds of publications on parenting and child care. He is best known, however, for a weekly national column on child care he writes for Associated Press. The column is picked up by over 100 newspapers with combined circulation of over three million.

At Ag Progress Days he will be discussing the results of a recently completed Penn State survey titled "Who is taking care our children?" The Pennsylvania study of child care in seven rural counties found that relatives provide care to almost half of the children who received child care. Thirty-five percent is provided by non-relatives, seven percent of the children are in child care centers and five percent care for themselves.

"If it is long-term child care, then the child care giver is a substitute parent, not just a baby-sitter," says Van Horn. Van Horn will be discussing a Penn State program called "Better Kid Care." Care."

"We'll be talking about what is good child care, how to find it and how much it should cost," he adds. "We'll be focusing on the implications for parents, grandparents and the children. I hope to have a lively discussion with the audience and talk about what is right and what is wrong with child care today."

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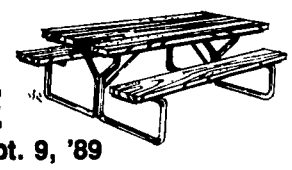

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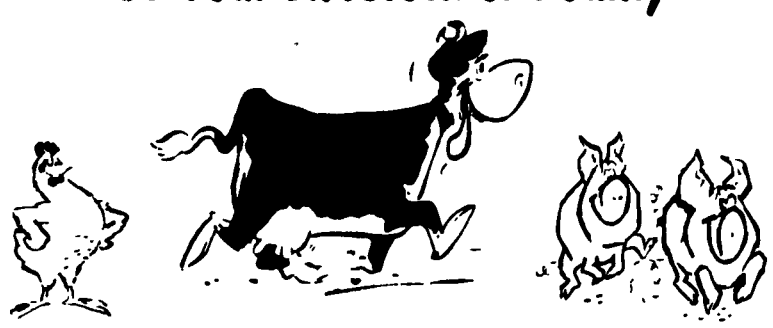

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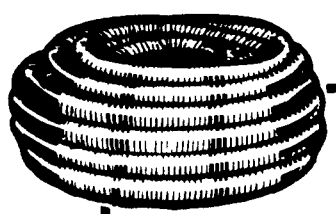

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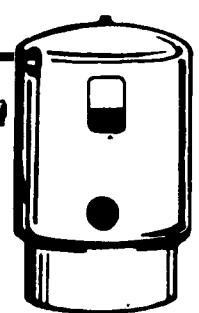

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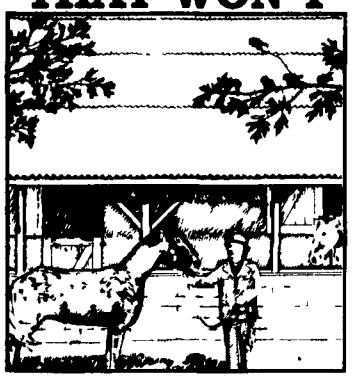

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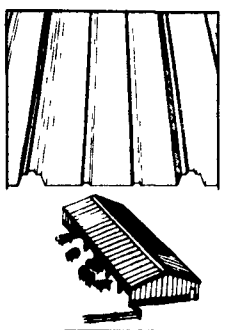

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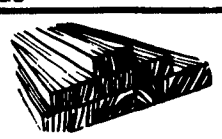

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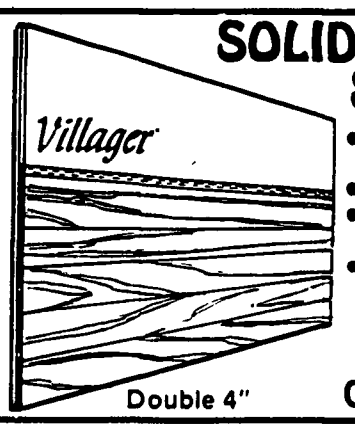

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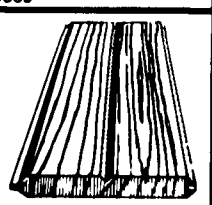

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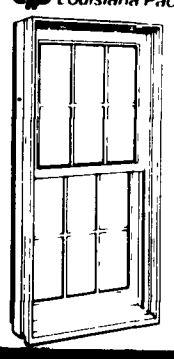

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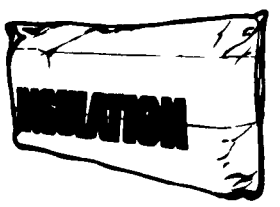

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Former Lancaster County Poultry Queen Alissa Hoober (right) gives a hug to newly crowned Anita Meck who also appointed state poultry queen.

Anita Meck Reigns As State Poultry Queen

BY LOU ANN GOOD

LANCASTER (Lancaster Co.) — "With one small step for poultry and a giant leap for mankind," Anita Meck became both the Lancaster County and the Pennsylvania Poultry Queen on August 4.

In pageant competition, held at the Lancaster Farm and Home Center, Anita fashioned her presentation after the space walk's 20-year anniversary.

In her presentation, Anita said she had a dream that she entered a grocery store and purchased a poultry sample that gave a computerized printout of 10 important poultry facts, which she recited to the audience.

To gain the crown the 17-year-old, who plans to major in chemistry at Millersville University this fall, also needed to answer an impromtu question.

Master of Ceremonies Grover Gouker asked each of the three contestants, "Name a living person, outside of your family, who has most influenced your life and tell how the person has influenced your life."

Anita answered that her Future Business Leader of America teacher motivated her to become a better speaker and a more organized and responsible person.

The daughter of Ken and Esther Meck, Anita graduated from Lampeter-Strasburg in 1988 and works as a receptionist for G.R. Mitchell Building Supply.

She helps in the family farming operation. On their 90-acre farm in Refton and on the additional 260 acres that they rent, they have 100,000 pullets and annually fattened 220 beef and 175 farrow to finish hogs.

Active in 4-H and in FFA, Anita holds offices as secretary for a meats judging team, which competed at Penn State this week, and a poultry production club. In job interview competition, she placed third in state FFA competition and first in Future Business Leaders of America.

In her county duties, Anita will be assisted by Melissa Garber and Kimberly Smith, the other contestants.

Melissa also was named Miss Congeniality and given a silver bowl trophy. She helps her parents, James and Martha Garber of Mount Joy, raise pullets and layers. In Melissa's presentation, she dressed as an EGG computer and pulled poultry data from her files.

Kimberly, daughter of Thomas and Susan Smith, Christiana, portrayed a teen telephoning a friend and talking about diets. The Octoraro senior helps her family raise layer chickens.

The queen received a $500 scholarship. The alternates can choose either a $300 scholarship or $150 cash.

Contestants also received watches for their participation from Kosers Jeweler, Mount Joy. *Lancaster Farming* presented a pewter platter to the queen.

The 1988-89 PA Poultry Queen Valerie Hoy of East Berlin and the Lancaster Poultry Queen Alissa Hoober told the audience about their year representing the poultry industry.

In other business, Jim Huber, chairman of the county commission, declared August 1989 as poultry month.

Alternates Kimberly Smith (left) and Melissa Garber (right) will assist PA Poultry Queen Anita Meck in her industry promotional duties.

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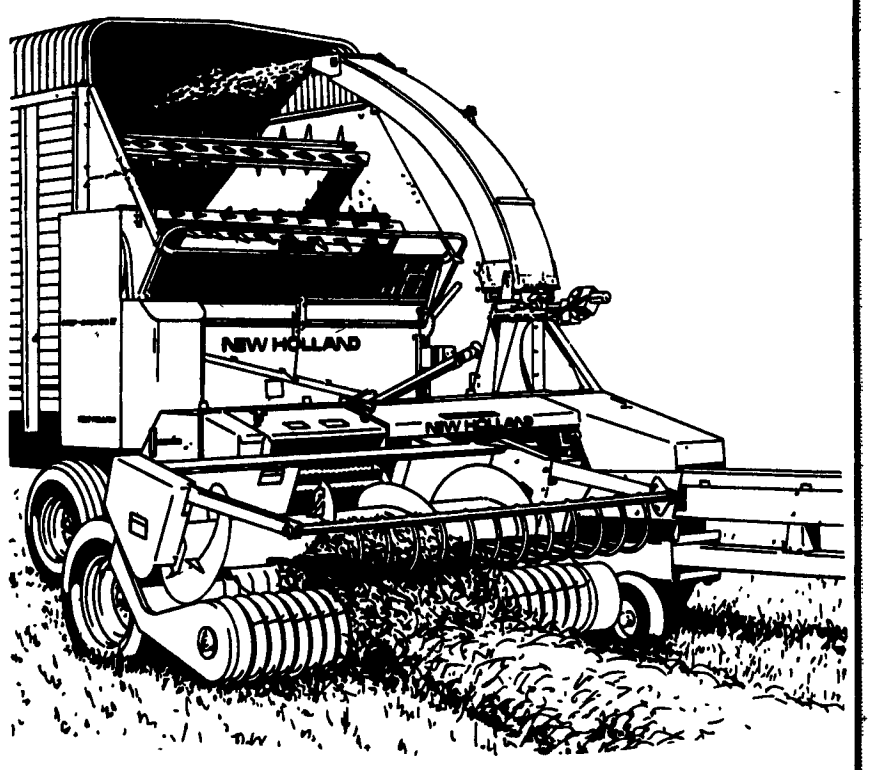

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Farm Boy Pounds Nails On Remote Island

BY BONNIE BRECHBILL
Franklin Co. Correspondent

GREENCASTLE — What in the world is a farm boy from Franklin County doing pounding nails on a remote island off the coast of South Carolina?

He doesn't get paid for his work. He has to live in a house on the island with ten other people. And he's committed to these working and living arrangements for a year.

What Aldean Crider is doing on John's Island is serving the Lord by using his talents to help others. Crider, 21, has been living on the island since January 1989 under the Voluntary Service (VS) program of the Eastern Mennonite Board of Missions and Charities.

"It's a great growing experience for me," Crider said, "both spiritually and for the responsibility it has taught me."

Crider is one of two men in the VS unit who are working with Habitat for Humanity, building houses for low income people on the island.

Habitat for Humanity, Inc.-- whose most famous worker is former President Jimmy Carter-- was founded in 1976 in Americus, Georgia as an "international, nondenominational Christian housing ministry whose goal is to eliminate poverty housing from the world and to make decent shelter a matter of conscience," according to its brochure. Habitat has since grown to 360 locations in the United States, with another 65 worldwide.

The branch Crider is associated with, Sea Island Habitat for Humanity (SIHFH), was organized in 1980 by a nondenominational group of Christians in South Carolina. Since its inception, SIHFH has completed 22 houses for local families. Two homes are currently under construction; SIHFH hopes to complete a total of four this year.

Crider is involved in all phases of the building project except the electrical and plumbing work. He orders supplies, makes the daily plans, lays block, builds trusses, and has driven-- not drilled-- a well.

To drive the well, Crider and his helper welded a three foot rod to an old crankshaft. They slipped this inside a one-and-a-quarter-inch pipe that had a well-tip and strainer on the end. Then they lifted the crankshaft up and down to drive the tip into the ground, adding five foot sections of pipe as necessary.

"We hit water at twelve feet," Crider said, "but it was muddy, so we went to seventeen feet."

This well was the only one they had to drive. All the other Habitat houses are connected to city water; this one, however, was built on private land far from the main road.

Crider, the son of dairy farmers Harold F. and Leona Crider of Antrim-Spring Farms, was well-prepared for his job on John's Island, having worked for a contractor back home in Franklin County for two and a half years. Some of that experience was gained in the cooperative program of the local Vo-Tech School.

About two months ago, Crider became SIHFH's Construction Supervisor when the former Construction Supervisor's VS term expired. Crider will serve in that capacity until his term ends in January 1990, when his helper, also part of the VS unit, will take over.

A typical Habitat house on John's Island contains about 1,100 square feet, with three bedrooms, one bathroom, running water and electricity. The homes are well-insulated and are heated with wood stoves. A thirty-inch attic fan helps to cool the house. Future plans call for smaller one- or two-bedroom dwellings.

According to Habitat's brochure, families are selected to receive homes on the basis of financial need, family size, ability to pay the modest monthly cost, character, and previous history of handling indebtedness.

Before moving in, residents must agree to abide by certain covenants to help insure that the house and the neighborhood will be well-maintained. "Mostly, the houses are kept nice," Crider said. Often, the old shacks which the Habitat houses replace are torn down. In at least one case, in order to get a permit for a septic system, "the old house had to go," Crider explained.

Applicants for homes must contribute 500 hours of "sweat equity"-- labor done by themselves, friends and family members on the construction of their own house or another Habitat house. Hours may be accumulated by clearing the building lot, doing interior painting, covering the drain fields, cleaning up, or doing landscaping.

The homes-- which are worth about $27,000, including the land-- are by no means free. Residents make monthly payments which are applied to the purchase price, insurance and taxes. All income goes into building more houses.

Another of Crider's responsibilities is supervising the work groups that come to help with construction. During the summer, various church groups come for a week at a time to donate their labor.

"The majority of the volunteers are not experienced in construction work," Crider said, which makes his job challenging.

Crider lives with a married couple and their two children and six other single people-- all of whom are committed to Voluntary Service terms-- in a house on a street with fourteen Habitat houses. Two men in the VS unit do home repair for low-income families still living in substandard housing. "They do no advertising," Crider explained. "It's all by word of mouth." So great is the need for their services on the island that they are booked up a year and a half in advance.

Women in the VS unit are employed in day care for migrant children, with a Home Health travelling clinic, and as teacher's aides in the public schools.

All unit members take turns cooking for the group. Housing and food are provided; each VSer receives an allowance of $30 a month.

"It's not hard to live on that," Crider commented. He is required to work five days a week, and often puts in labor on Saturdays. He gets two weeks of vacation during his one-year term.

Crider decided to enter VS after hearding others talk of their experiences, and feeling the Lord lead him to enter service. "Also, this was a good opportunity to get away and see how another part of the world lives," he added.

Compared to Franklin County, John's Island is definitely "another part of the world." Although both are rural areas, the crops and the lifestyles are vastly different.

"I hadn't seen a dairy cow in the last six months," Crider said while visiting his parents in early August. Crops on John's Island are mostly tomatoes and watermelons.

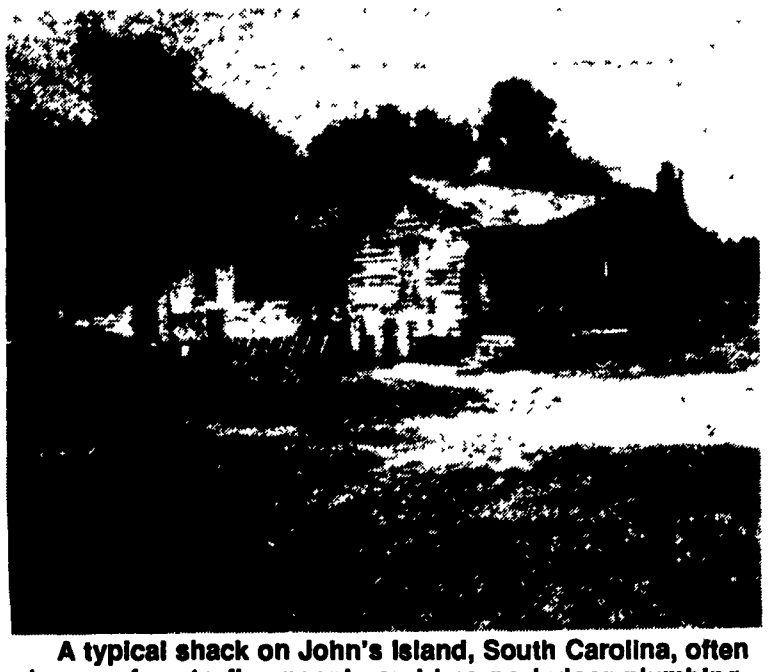
At least one aspect of his life on John's Island reminds him of home, though.

"They're very picky with their building inspections down there," he said. "The building inspector reminded me of the milk inspector-- it seemed like he liked to find something wrong. You catch on to what they want. He pointed out things to do differently next time, but he still passed the house."

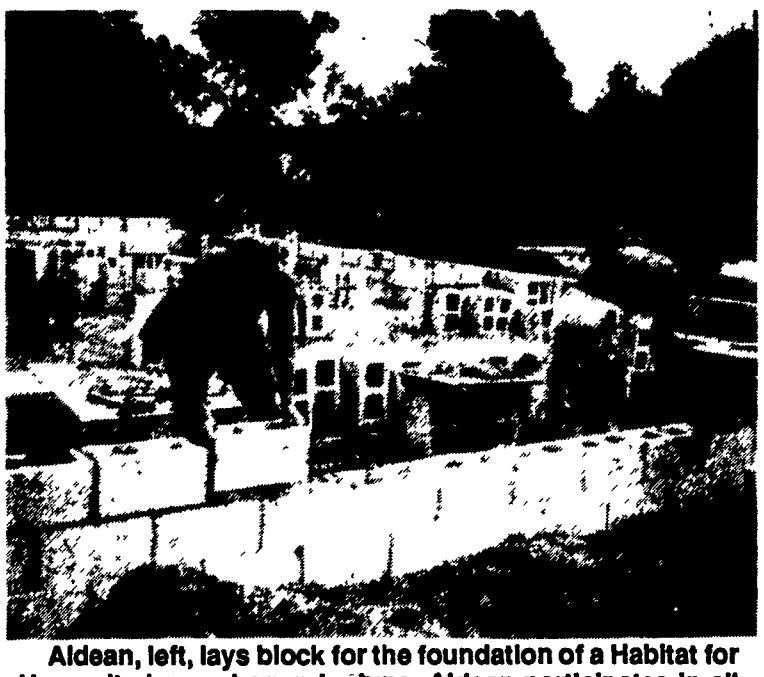
Crider plans to return to his parents' home when his term expires in January 1990, and continue with the construction job he had before entering VS.

But first, there are some houses on John's Island he wants to finish.

Aldean relaxes on the hearth at his parents' home near Greencastle. He was home for a week of vacation from his Voluntary Service assignment on John's Island, South Carolina.



A typical shack on John's Island, South Carolina, often houses four to five people and has no indoor plumbing.



Aldean, left, lays block for the foundation of a Habitat for Humanity house begun in June. Aldean participates in all phases of construction except the plumbing and electrical work.

One of the houses Aldean helped to construct needs only finishing work to complete it. This house should be done by the end of August, and they plan to have two more under roof by winter.

Southeast Regional Dairy Bowl

The Southeast Regional 4-H Dairy Bowl contest was held on July 5, at the Berks County Agricultural Center. The contest organizer was George Merrill, volunteer 4-H leader from Berks County. There were 10 teams participating in the contest from Berks, Cumberland, Lancaster, Montgomery, and York counties.

In the senior division the winning team was from Cumberland County, and its members were: Ann Allen, Jenny Baum, Melanie Dietrich, and Craig Walton. The second-place team was from Berks County, and its members were: Sandy Gross, Jennifer Hix, Amy Phillips, and Angela Werley.

In the junior division the winning team was also from Cumberland County, and its members were Matthew Day, Emily Dietrich, Betsy Walton. The second-place team was from Berks County, and its members were Michael Gross, Lynn Koinski, Keslie Nirschl and Melissa Werley.

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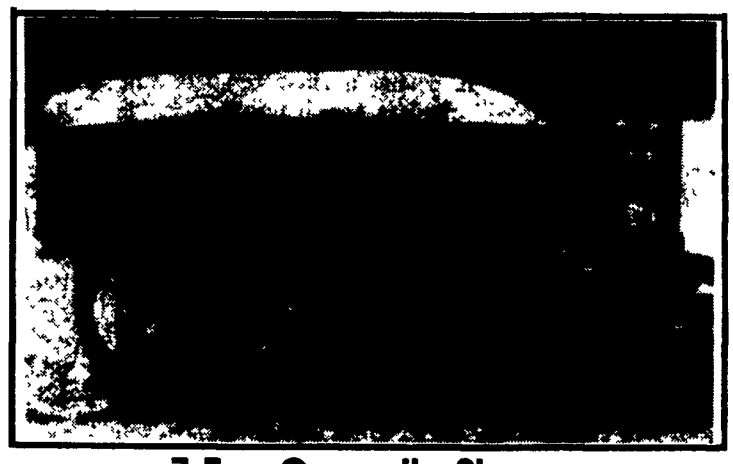

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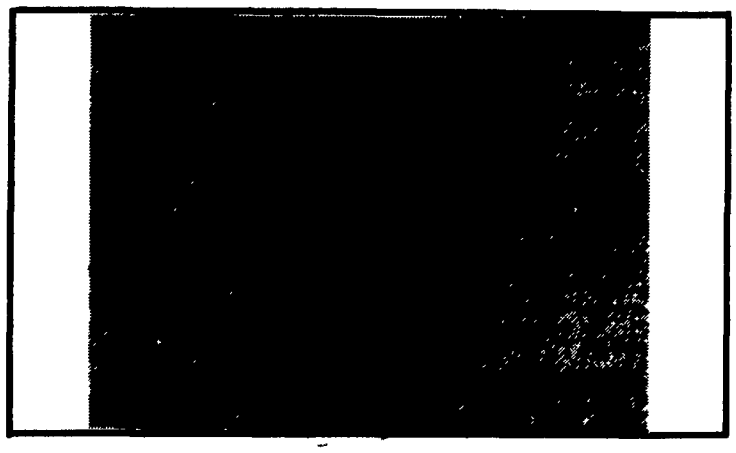

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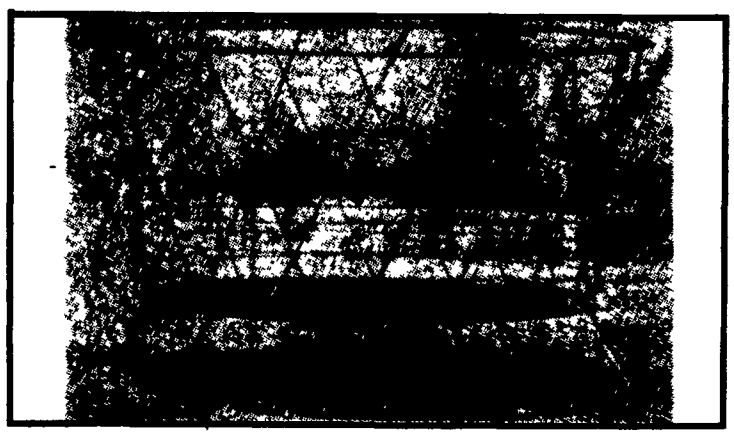

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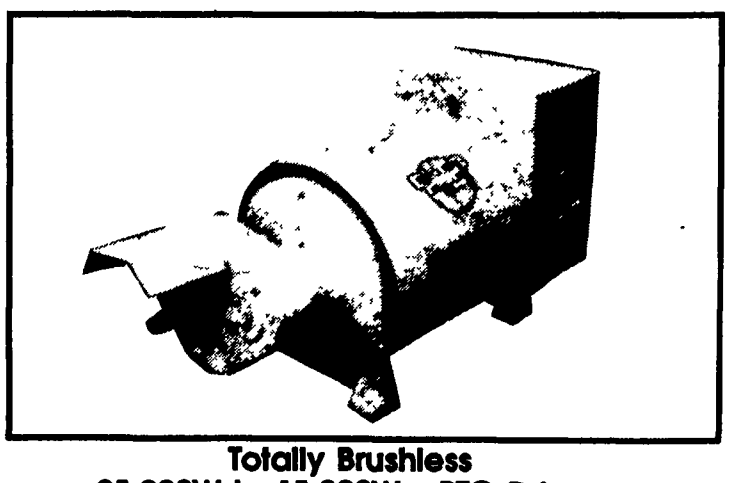

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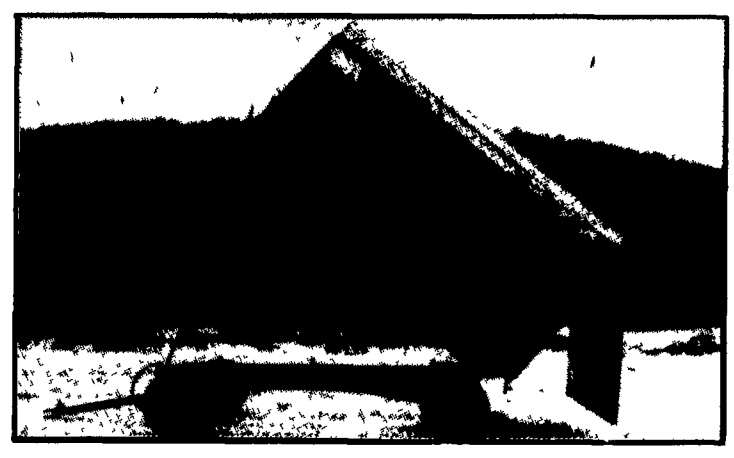

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VISIT US AT AG PROGRESS DAYS - AUG. 15-17, 1989

Ida's Notebook

Ida Risser

We have a daughter who lives in northern Pennsylvania. The other weekend my husband and I spent some time with her. We planned to fish in a mountain stream.

We drove on gravel roads into the mountains and found a parking area.

As soon as I got out of the car my daughter said, "Mother, be careful where you step as there are a lot of rattlesnakes in this area."

I felt like getting back in the car but instead followed them down to a shallow rock strewn stream. The only thing that we caught were crayfish.

We did a bit of exploring before we tried a new spot. There was a swinging foot bridge that we crossed to a small open meadow. Someone had been there before us and left the remains of an open fire. We saw many ferns growing in the woods as we climbed the hill back to our car. Next we fished under a big steel bridge with no more luck than before.

Then we ate a picnic lunch along a lake and fished there all afternoon. At least we were entertained as we caught small fish, which we threw back. Thus we did not have to clean fish that night but could go out to eat instead.

After a nice Sunday dinner of barbecued chicken, we left for a three hour drive home. But on the way we stopped to see some falls. The problem in this was that we didn't realize how far we would have to walk. After a few miles on a rock and root covered path, we finally reached the first fall. We took a few pictures and then returned to our car as we hoped to get home in time to help with the evening milking. It was a pleasant weekend.

Heritage Crafts Exhibit Returns

UNIVERSITY PARK — Heritage crafts are a special feature at Penn State's Ag Progress Days. More than 30 Pennsylvania artists have been invited to exhibit their crafts and to give educational demonstrations.

"Arts and crafts have become an important part of the economic revival in many rural areas of Pennsylvania," says Dr. Mary Saylor, associate professor of extension education in the College of Agriculture and coordinator of the exhibit.

"Professional crafts people produce items for sale, teach and interpret crafts for visitors to historic sites. The design, production and marketing of heritage crafts is a business that depends as much on the management skills of the artisans as it does on the quality of their crafts. Penn State Cooperative Extension has developed a number of programs to help artists develop their entrepreneurial skills," she says.

A number of exhibitors who were at Ag Progress Days last year will be returning, but many will be new to Ag Progress Days visitors. Pennsylvania crafts on exhibit will include furniture, folk toys, weaving, quilts, custom-forged knives and guns. Visitors also can learn about the history of those crafts and talk to the artists about establishing home-based and small-scale businesses themselves.

"We have a special emphasis on children this year," says Saylor. "We have a story-teller, a carver of carousel horses and toy makers."

Among this year's exhibitors are:

— Antoinette Holl and Sylvia Apple, quilters with Fabricrafts in State College.

— William E. Metzel, the Itinerant Talesman from Lemont.

— Sally Werren, the resident potter with Old Bedford Village in Bedford.

— Kit Ravenshear, gunsmith for the Historic Arms Preservation Society in New Berlin.

— Harriet Knox, creator of wool products for Autumn House Farm in Rochester Mills.

— James and Marie Hodges, candlemakers for the Elder Guild, Inc. in Towanda.

— Nancy Jones, sculptor of carousel horses from Expressions in Wood in Coudersport.

— Perry Bowen, woodcarver from Bowen's Schoolhouse crafts in Galeton.

The Crafts Tent also will have information on other places of interest that feature heritage crafts and the cultural history of Pennsylvania, such as the Sawmill Center in Cook Forest, the Somerset Historical Center, the Lumber Museum in Old Bedford and Old Economy, site of the Harmonite settlement in Ambridge.

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(See Page F12)

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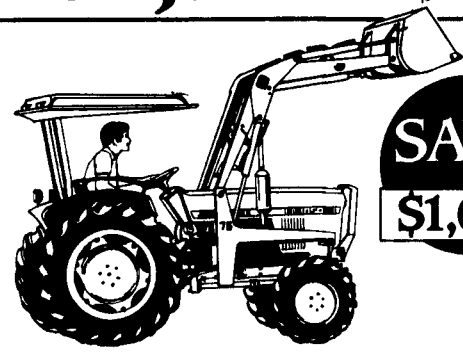

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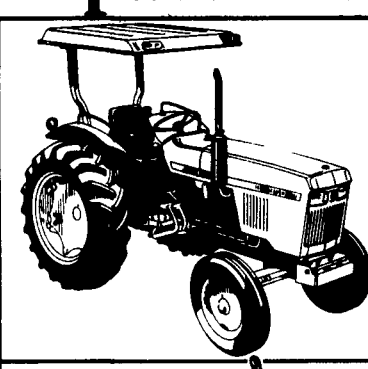

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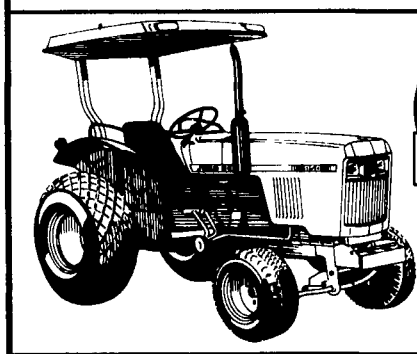

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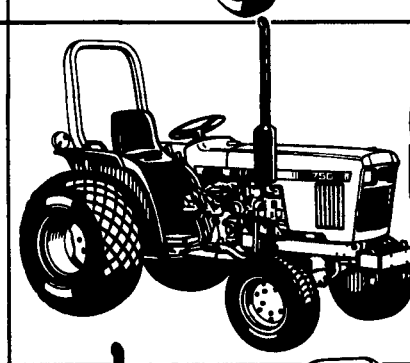

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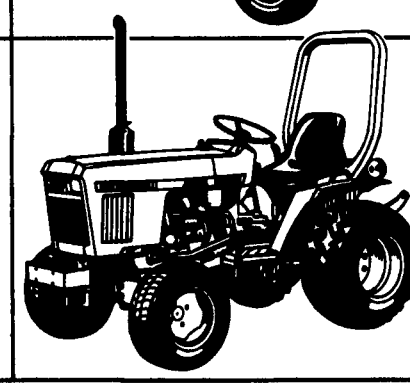

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Food Safety Is Food For Thought

UNIVERSITY PARK, Pa. — Since the discovery of two Chilean grapes tainted with cyanide and the adverse publicity given to the use of Alar on the nation's apples, attitudes about the safety of our food have changed dramatically. "For consumers, farmers, the food industry and government regulators the quality of our food supply has become a topic of widespread concern," says Dr. Gerald Kuhn, Penn State professor of food science.

For many people, especially parents, a trip to the grocery store suddenly has become a risky venture. "The negative publicity has caused people to make assumptions that are unfounded or only partially true," says Kuhn.

Consumers will have the opportunity to test their food safety knowledge at an exhibit developed by Penn State agricultural scientists called the Food Safety Quiz in the College of Agriculture Theme Building at Penn State's Ag Progress Days. One person or a group of people will answer five questions on a electronic quiz board. Penn State faculty will be on hand to discuss the correct answers and answer other questions.

"Hopefully, after viewing the exhibit and participating in the food safety quiz, individuals will begin to develop a greater appreciation of the complexity of the American food safety system," says Kuhn. "Food safety, including pesticide and chemical residues, food-borne pathogens and safe processing and handling has captured public attention. We have entered a new era of awareness of the importance of safe handling of foods. Food safety will one of be most important public concerns into the 1990s."

"As educators and scientists, we have an obligation to educate the public to the fact that there are safe levels of chemical residues in our food system," says Dr. Winand K. Hock, Penn State professor of plant pathology and coordinator of Penn State's pesticide education programs. "The quality and the variety of food we now enjoy would be impossible without chemicals. There are safe levels of most substances in food."

In response to fears about man-made pesticides Penn State scientists hope to increase public awareness of the issues involved. "It is important to keep in mind that all plants produce natural toxins to protect themselves against fungi, bacteria and insects," says Hock. "There are literally tens of thousands of these natural pesticides, and every species contains its own set of toxins. We are consuming natural pesticides that are thousands of times greater than any we are adding to the food supply," says Hock.

Hock points out that we have the best and the safest food supply in the world. "We have to educate the public to the fact that we have a very stringent system in place," he says. "Only one in 20,000 chemicals is approved for use as a pesticide."

"The Ag Progress Days food safety exhibit is designed to stimulate thinking about food safety issues and create an awareness of who is responsible for safe food," says Dr. Morris Mast, Penn State professor of food science. "The fact is everyone has a responsbility for food safety," he says. Improper food handling and storage is a much greater problem than pesticides residues.

"We hope to stimulate thinking and discussion about important food safety issues," says Kuhn. There are over seven million cases of food-borne illness in America every year. Most are caused by improper handling and storage of food by consumers."

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

4-H Embryology Exhibit

UNIVERSITY PARK, Pa. — If you've always wanted to see a chick hatch, you'll be interested in the 4-H embryology exhibit at Ag Progress Days.

A highlight of the 4-H exhibit will be an incubator with chicks hatching daily. This part of the exhibit serves as a focal point for displaying nontraditional 4-H programs. In particular, these eggs will highlight a recent experiment in which 36 fertile eggs were placed in the Challenger space shuttle to see if they would hatch in zero gravity.

"The Challenger experiment was designed by a former 4-H'er," says Zoann Parker, Penn State Cooperative Extension agent in Lancaster County and coordinator of the exhibit. "Although the experiment ran into complications and failed, it received a lot of media coverage as well as attention within schools. Any fourth grader across the nation would probably be able to tell you about the experiment."

Parker says that the chick hatching exhibit is meant to show the scientific depth the project can have when it is presented in schools. Eggs are turned and candled carefully to each students about the growth stages of the chick. Over 20,000 students participated in the embryology program in Pennsylvania schools last year.

The exhibit also will feature traditional 4-H projects, including home economics, crafts, small animal care and seeing eye puppies. 4-H'ers will present their projects and be on hand to answer questions.

Parker says that the exhibit is designed to show that 4-H is open to all youth between the ages of 8 and 18. While 4-H is often thought of as a club for rural and farm children, there are numerous opportunities for youth to become involved through urban clubs and 4-H in the classroom programs. Embryology is the most popular of these programs, but other programs include rocketry and hydroponic plant growing.

"At the same time, we want to stress the variety of projects that can be pursued in traditional clubs. Not only do 4-H'ers learn important agricultural and work skills, they learn responsibility, citizenship and other skills that are important wherever you live."

The exhibit will be housed in the Theme Building. The incubators will be open daily, and 18 different 4-H members will present their topics each day at 10 a.m., 12 noon and 2 p.m.

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Lancaster County Swine

The Lancaster County 4-H Swine Club will be meeting on August 17, at 7:30 p.m. at the Farm & Home Center. The program, entitled "Carcass Evaluation," will include a discussion on the carcass show and slaughter health checks.

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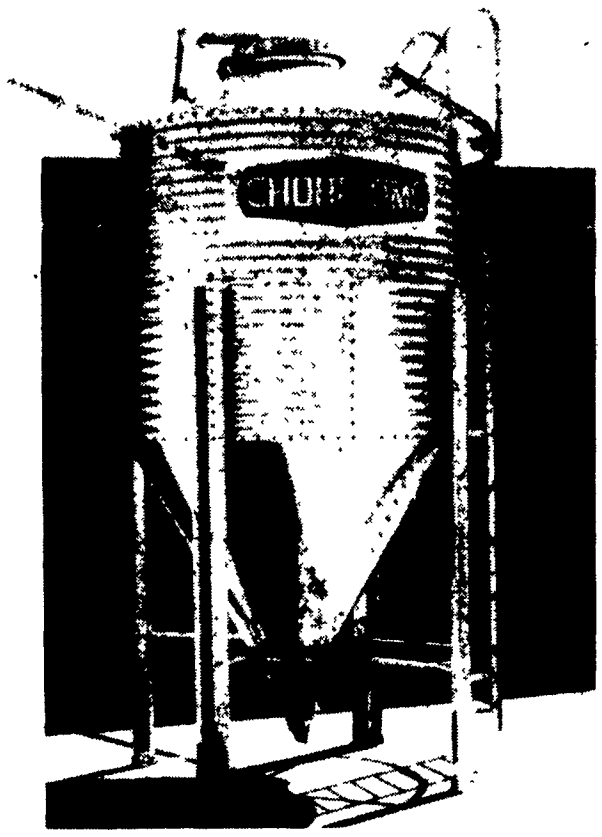

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Protect Your Home From Radon At Ag Progress Days

UNIVERSITY PARK, Pa. — On July 13 Department of Environmental Resources (DER) Secretary Arthur Davis urged all Pennsylvania residents to have their homes tested for radon gas. "Radon poses a serious health threat to citizens throughout the state," he said. Homeowners concerned about the dangers of radon contamination can win raffled detection devices and learn about it from the experts in Penn State's College of Agriculture Theme Building during Ag Progress Days.

The Theme Building at Ag Progress Days will house a "Protecting Your Environment" exhibit. This exhibit offers detailed information on radon, a naturally occurring, colorless and odorless gas produced by the decay of underground uranium. Radon is believed to be responsible for an estimated 20,000 lung cancer deaths yearly. To encourage home testing, an Alpha-Trac Detector, a long-term radon detection device, will be raffled each day.

A 17-minute interactive video exhibit offers five programs for visitors to use. The programs explain where radon comes from, how it gets into homes, health hazards from exposure and how to fix a radon problem once it's found. The final video program tests the visitor's knowledge of radon through questions and answers.

Dr. Phyllis Barner, associate professor of agricultural and extension education at Penn State, stresses the importance of the radon exhibit. "Radon is our newest recognized environmental pollutant, and it won't disappear. The U.S. Surgeon General identified elevated radon levels as a most serious public health issue. Just recently, the DER recommended that all Pennsylvanians test their homes for radon. The important message is simple: no geographic region in Pennsylvania is free from risk."

The results of the study by the DER and the U.S. Environmental Protection Agency indicated high radon levels in all counties except Forest County, where the number of homes tested was limited. The DER recorded radon levels in excess of 100 picocuries, the radiation exposure equivalent of 5,000 chest x-rays, in homes in Beaver, Cumberland, Elk, Lancaster, Lebanon, Perry, Union and York counties. The highest radon reading- 273.5 picocuries-- was registered in a Dauphin county home.

"Within the last decade, the scientific community has found increasing numbers of U.S. homes which contain dangerous radon levels," says Barner. "Being an environmental pollutant, one would expect it to be found in ambient (environmental) air. However, it is now known that indoor levels are often higher than outdoors and at times greatly exceed occupational exposure levels."

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Students Taught Business Enterprise System

YORK (York Co.) — Two area young people attended the 1989 Penn State/Pennsylvania Association of Farmer Cooperatives' Summer Institute held at Shippensburg University, June 25-28.

Cathy Boose, Gardner; and Paul Rauhauser, Dover; were selected to represent the **Adams, York, Franklin Council of Cooperatives** on the basis of their knowledge of the business enterprise system, the cooperative way of doing business, and on activities of the participants--identifying them with school, community, church, and youth organizations.

The Institute program is designed to teach tomorrow's leaders more about the business enterprise system, to help in planning their future by pointing out career possibilities in agribusiness, and providing opportunities for individual leadership development.

The young leaders were accompanied to Shippensburg by Leah Woodward of York Farm Credit who served as chaperone and resource person for the delegation.

The Institute is sponsored by Penn State's College of Agriculture. The Pennsylvania Association of Farmer Cooperatives, and numerous local cooperative councils.

Nearly 100 scholars and adult advisors from four states attended this year's Summer Institute.

The climax of the Institute is the election of delegates to attend the American Institute of Cooperation's National Institute on Cooperative Education at Indianapolis, Indiana, July 24-27, 1989. At the national convention, the delegates will take part in various programs designed to increase their knowledge of farmer cooperatives and agribusiness. They will join with over 900 young agricultural leaders from all parts of the United States, Canada, and Puerto Rico.

Cathy Boose and Paul Rauhauser attended business Institute of Penn State.

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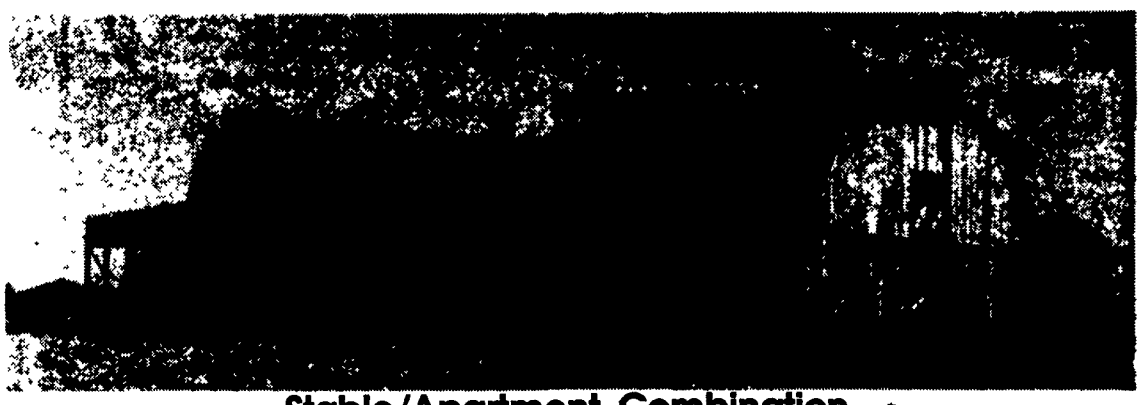

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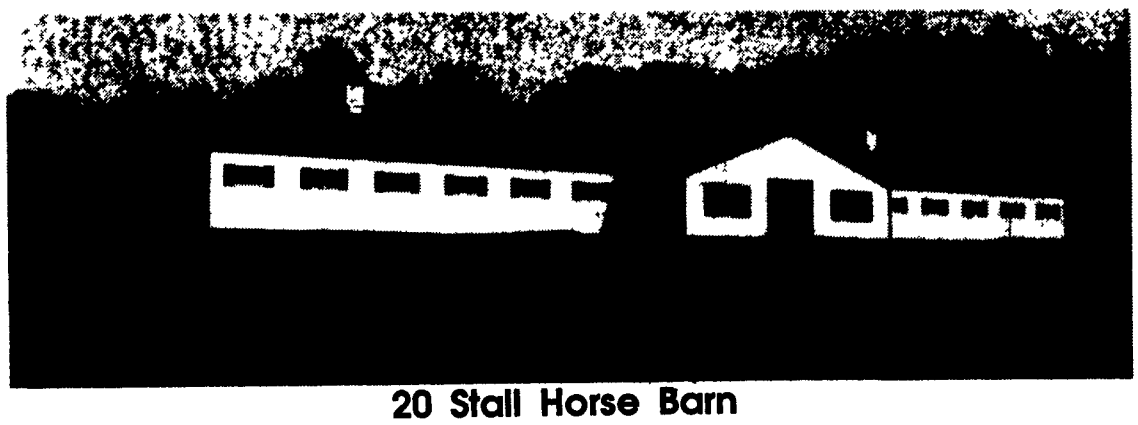

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Watch Out For Hornets and Yellowjackets

NEWARK, DE. — Remember when you had to wrestle your hot dog and soda from a wasp at that picnic or outdoor sporting event last summer? Well, it's that time of year again.

"Social wasps become especially pestiferous this time of summer, says Dr. Dewey Caron, University of Delaware professor of entomology. The nests are full-size, contain many wasps, and the adults have fewer nest duties to perform.

Some species become very serious scavengers at trash and garbage sites and other areas that provide sugar sources. Even a minor disturbance of the nest or of the foragers may lead to stings, cautions the entomologist.

To be on guard for wasps, it helps to know something about their nesting habits. One species, the hornet nests above the ground, but the majority-- yellowjackets-- are ground nesters.

According to Caron, the aerial hornet nests are nearly basketball-size by early August. The tree nests become more evident as leaves start to thin out. Some people become alarmed once they discover a nest (even though it's been in the same place all year) and they want to remove it immediately.

But removal isn't always necessary. "If a nest of hornets is high in a tree or in some other inaccessible location where it won't be disturbed, just leave it alone," Caron advises. "All the social wasps will die over winter, and no part of any nest will be reused in another season."

However, Caron says any wasp nest located in a place where it can easily be disturbed should be eliminated, particularly yellowjacket ground nests. He suggests the following precautions:

* Use an aerosol spray that allows you to stand back a safe distance of several feed and direct a spray into the nest.

* Don't try to spray a nest during daylight hours. Wait until after dark when all the foragers are inside.

* For the aerial hornet nest, you should direct the spray into the opening near the bottom of the nest, Caron says.

* For ground nests, spray the entry/exit area well and then plug the hole with some dirt that you have also sprayed. As the workers repair the damage and reopen the entry, they will contact the insecticide.

* You may need to spray more than once to kill all the adults in larger nests and in nests inside structures or in the ground. Check the entry/exit area for activity the next day. If activity persists, repeat the spray another evening and then recheck.

* Be careful if you use a flashlight. Hornets don't see at night but will fly to a point source of light if disturbed.

* There is no need to plug the entrance or to remove the nest once you have killed the adults, says the entomologist. No test is reused in another season.

According to Caron, there are no area-wide control measures effective against hornets or yellowjackets. "There is no spray nor any bait attractive enough to trap the foragers," he says. "But you can reduce their numbers and the chances of getting stung if you remove garbage and reduce attractive sugar sources."

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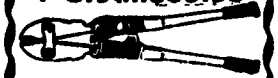
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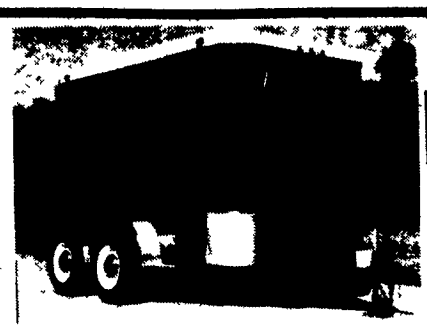

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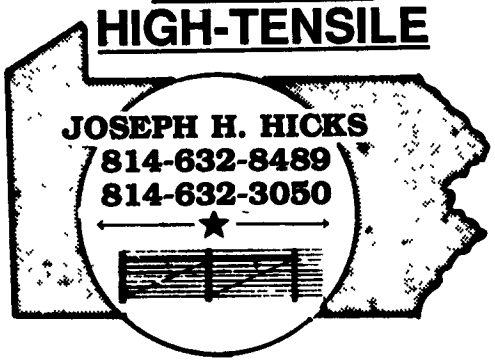

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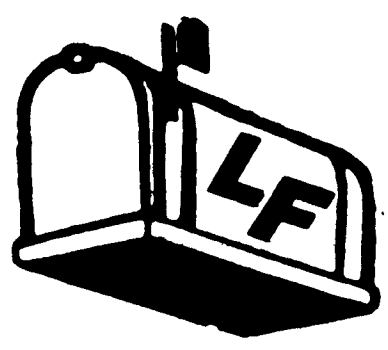

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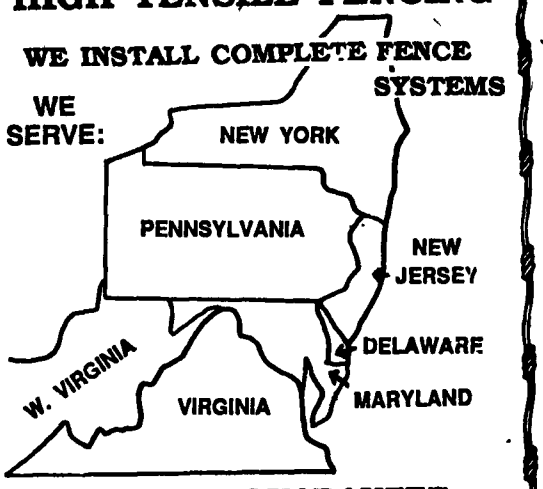

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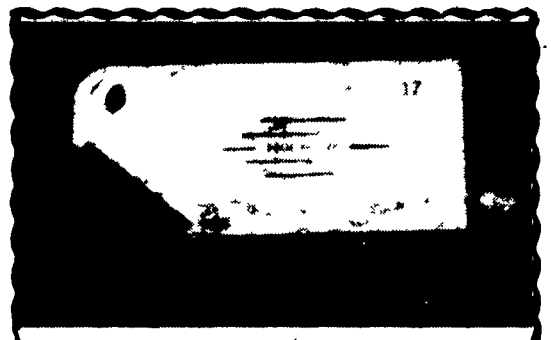

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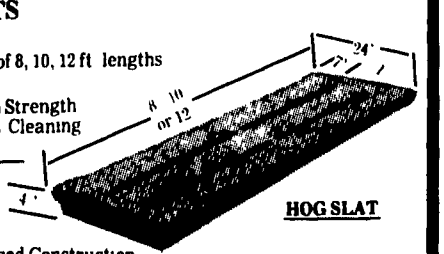

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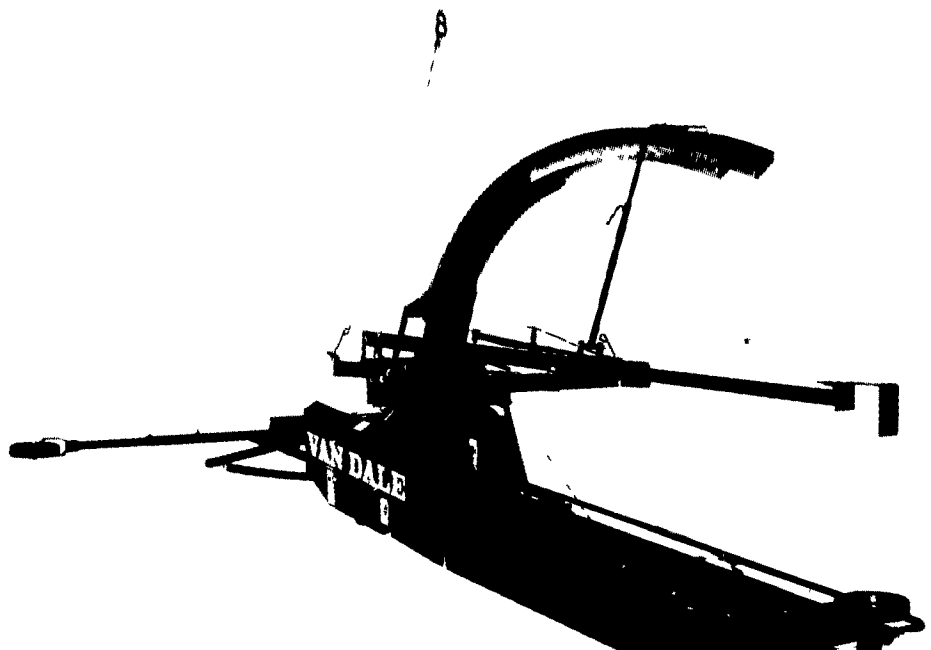

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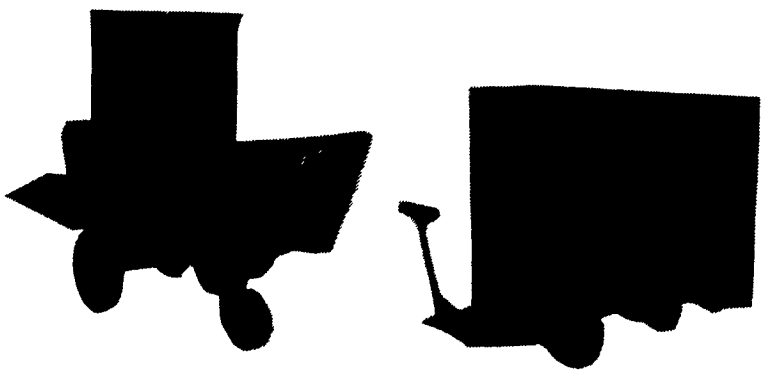

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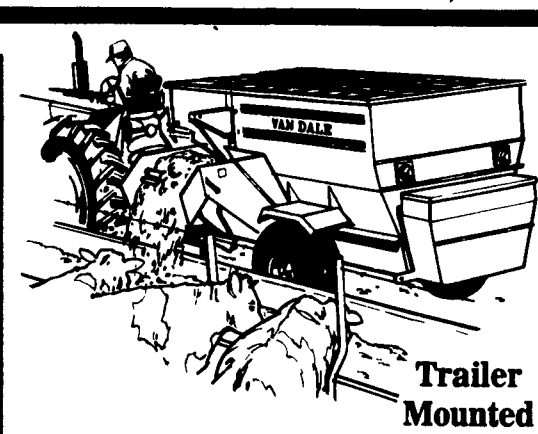

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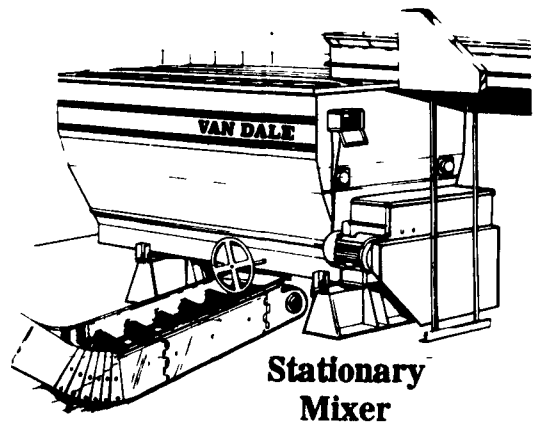
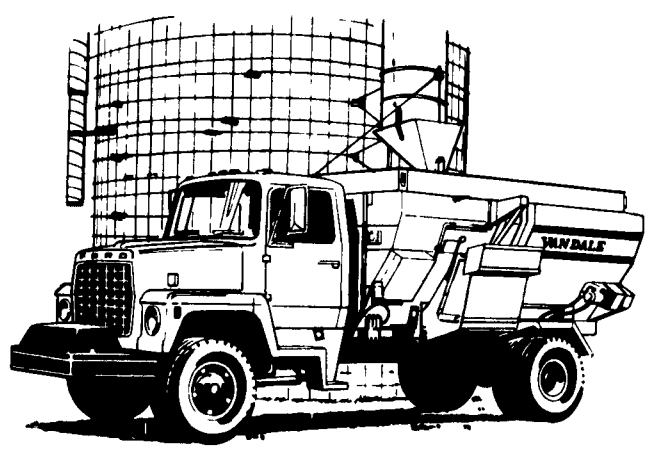


Stationary Mixer



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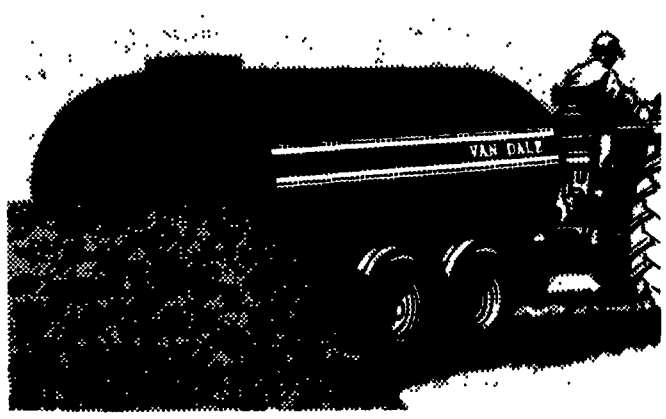

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Eff. 2.43	16-10	1.92	153	.74	5.1	62
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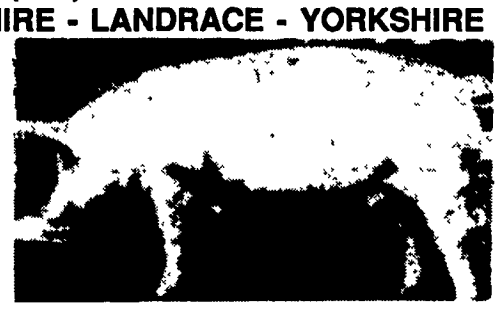

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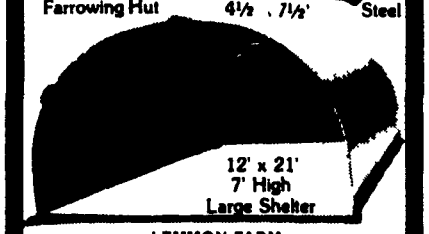

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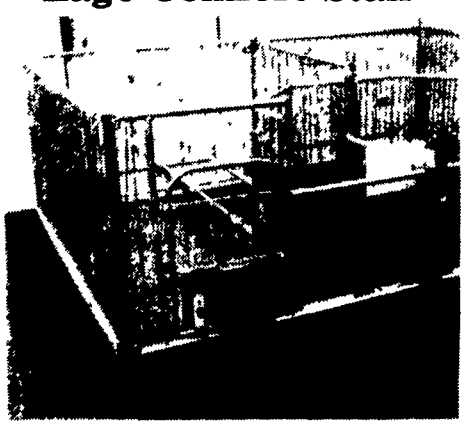

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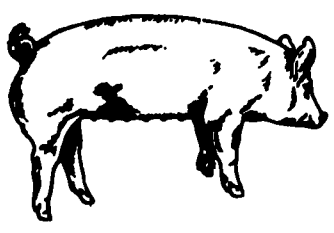

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* All hogs sold with scan figures *

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Sat., Sept. 9, 1989
1:30 Show Breeding Animals
6:30 Sale Breeding Animals

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Auctioneer - Harry Bachman

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Delivered in 15 ton loads. OATS Available in 1,000 bushel lots delivered.
No Sunday Calls
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Spot or Contract
Call for prices.
Picked up at your farm or delivered to Milton, PA
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Philipsburg, NJ 08865
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Timothy, Alfalfa, Straw.
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Soybean Meal 48%
Whole Cottoneseed
#2 Yellow Shelled Corn
Soyhull Pellets

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Call Us Today...
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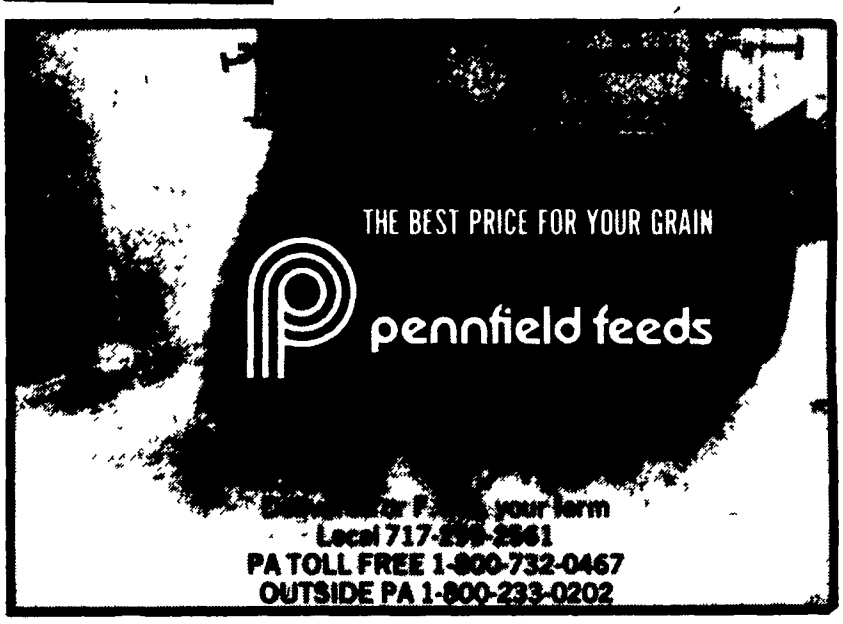
1-800-544-4574 Marietta, PA 17547



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LSA® is a unique product specifically designed to add nutrition to

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We are offering a special equipment program. Call us about free use of on-farm equipment when you buy Mol-Mix Liquid Protein Supplements

16 FERTILIZER

BROILER MANURE FOR SALE
- Delivered in 22 ton loads
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- Now Available Locally
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High Quality Lime Plus 50-60 Lbs. of Potash (Worth $7.00) & 80-100 Units of Sulfate (Worth $12.00) In Every Ton
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75% CCE	40% Calcium Oxide
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ENP 64 (Damp) 78 (Dry)	80% thru 100 Mesh (Damp) 100% thru 100 Mesh (Dry)

We Deliver!
Only $6.00/Ton F.O.B. Stockertown, PA

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For Sale: Bark Mulch, Mushroom Soil, Sawdust Coal. Garman's Coal & Mulch Products. 717-653-9580

M.H. Martin Co.
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Mushroom Garden Mulch
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Shrubbery Mulch
Call for price

17 PLANTS

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Check our competitive prices before you buy.
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17 PLANTS

Cauliflower, Broccoli & Cabbage Plants. Some ready now! 717/859-1662

FOR SALE PLANTS
Cauliflower,
Broccoli &
Cabbage Plants
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17 PLANTS

KREIDER'S MUM FARM
900 Kreider Rd., Lititz, Pa. 717-626-6805

2 Miles North of Lititz; 10 Miles North of Lancaster, Pa. Turn west on Bomberger Rd., then left on Kreider Road.

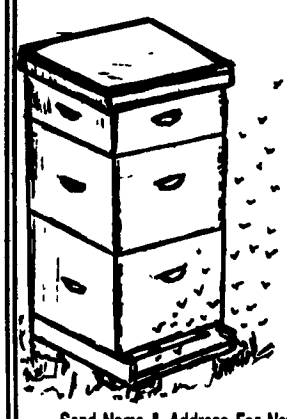
Growing And Breeding
Hardy Mums Since 1953!

Dig Your Own Big Hardy Mum Plants, Starting August 12th...
12 or More Plants ..... $1.50 Each
6 to 11 Plants ..... $2.25 Each
1 to 5 Plants ..... $2.50 Each

Potted Plants Available After Sept. 1st!

Be sure to come out and see our displays of Mums during the peak of the season - late Sept. thru early Oct!

Dried Flower and Craft Shop Open 6 Days A A Week - 9 to 5. No Sunday Sales.



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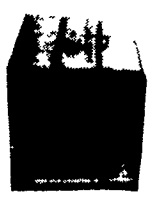
286-2062

18 FRUITS & VEGETABLES

C.R. HENRY

Basket & Box Dealer



We stock almost all kinds of produce containers. For instance, bean, cabbage, corn, 5/9 squash, Mexican bean, spinach bushels, and 1 1/9 universal (55¢) We also have cabbage bags, 1 1/9 cardboard boxes and brussel sprout cardboard boxes. Prices range from 10¢ - 80¢

Office (717) 272-6271
Warehouse (717) 273-0968

18 FRUITS & VEGETABLES

Cardboard produce boxes, wood baskets, roadside stand containers, wooden ladders, polybags, pruners, picking bags, and staplers. Freecon Orchard Supplies , Boyertown. Days (215)367-2933, evenings (215)369-1418.

19 NURSERY

FOR SALE: Douglas Fur Christmas Trees, Wholesale. Schuykill Co. Call 717/739-4770

For Sale Christmas Trees, wholesale and retail. 717-784-2407 or 717-784-9397 after 7 pm.

For Sale Douglas Fir Christmas trees. 5-9'. Up to 5000. Call 717-925-6555 for price list.

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SEWER-DRAIN SERVICE

When Your Drain Doesn't Work

WE DO!
NO DRAIN TOO SMALL
NO DRAIN TOO LARGE

- Sink Drains
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- Laundry Drains
- Bathtubs
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Industrial - Commercial Drains
SAME DAY SERVICE A SPECIALTY
393-9448 653-9566

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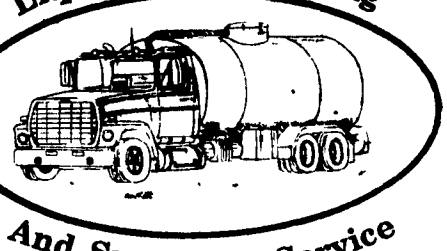

And Spreading Service

Specializing in:
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- Pits; etc.

Lagoon and Pit Pumps Available

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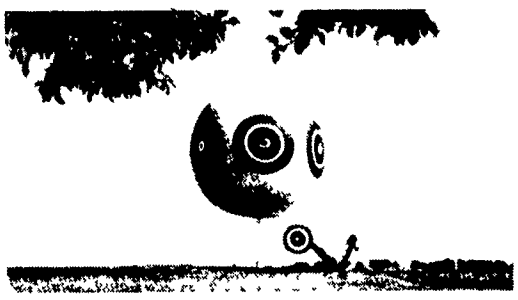
Phone: 717-933-5741

20 LAWN & GARDEN

BIRD-SCARE BALLOONS DO THE JOB



Tests on American Farms Prove Their Effectiveness

If you grow cherries, blueberries or sweet corn, you know what a menace birds can be. These remarkable bird-scare balloons, developed in Japan, and introduced to America three years ago, have passed the test with flying colors. In your garden, orchard, vineyard, or anywhere on your farm, these balloons from HESS AGRI MARKETING will do the job for you.

Hess Agri Marketing
218 Rock Point Rd.
Marietta, PA 17547
717/426-3135

20 LAWN & GARDEN

For Sale: Henke Tornado Chipper Grinder with hyd. feed, for wood and also straw, mulching and blowing attachments with 30' hose. 3 Point, PTO drive for 30 horsepower tractor or larger, 6 months old. New: $5,695. Price $4,000 OBO Millersville, 717-872-0755.

IH Cub Cadet 1450 blown motor, 42" mower hydrostatic drive and lift $650. (302)239-6366.

Lawn and Garden Sprayers ideal for trees, shrub, lawn starting at $199. (717)569-3359.

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CUSTOM BAGGING
8 ft. machine, strictly power take off.
Fermentation aid available.
NC + hybrids dealer.
Corn, alfalfa and sorghum.
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PROFESSIONAL HOOF TRIMMING: Over 20 years experience. Fast and accurate work. 70-100 cows per day. Increases milk production. Easy and gentle on the cows and farmer. No assistance needed. 717-755-0770 or 717-757-3378. Satisfaction guaranteed.

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General Excavating
Excavating, Backhoe & Bulldozing
We Do The Dirty Work

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PORTABLE WELDING

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CUSTOM BAGGING
Haylage,
Corn silage,
High moisture corn.

Harry Will
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9' self-propelled 135' length
8' power takeoff 100' & 150' length

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AGRI-PAC
We Have Operators Available In the Eastern USA to bag your
- Corn Silage
- High Moisture Corn and
- Haylage

Call
Frank Walters at
717-949-6511
for your nearest operator

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CUSTOM LIQUID MANURE HAULING. 717-872-1981.

Custom chisel plowing. Other services w/my tractor and your equipment. Pressure washer for rent or servicing, and week trimming. (215)869-4072.

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8' and 6' bags
Stoltzfus Custom Bagging
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LANDIS'S
Hauling Service

General Hauling — *Call Anytime* 6 A.M. to 9 A.M Best Time — Roll Back Service

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21 East Woods Dr., Lititz, PA 17543

23 HELP WANTED

Dairy & general farming position available on 140 cow registered Holstein farm. Free stall & automated parlor. Wages & benefits. House available. Apply to: Catalpa Farms, Dauphin Co. near Elizabethtown. 717-944-6289

Dependable, responsible, experience person needed for dairy farm. Milking and feeding of cattle. Regular time off, housing and other benefits. 215-767-4827.

Experienced fulltime person to work on Dairy Farm. Feeding, some milking and fieldwork. Large house w/ benefits. Will need references. 717/898-7689

Farmer/Caretaker for 60acre county home in Northern Chesco. Farm Animals, crops, equipment. Also, house, barn, lawn maintenance. Must be conscientious, experienced. Fulltime salary and apartment. Reply to Box K-196, c/o Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

Farmer/married couple to work small central New Jersey farm, sheep and horses, general maintenance buildings and equipment, housing provided, experience and references required. Reply to Box R-151 %Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

FEED/CROP SALES
Central PA
(Centre/Clinton Counties)
We are looking for an experienced individual who wants to serve dairy farmers.
Service oriented company whose resources include most advanced feeds and computer technology.
Excellent salary and benefits available, established customer base and opportunity for advancement.
Send confidential resume to:
Box 1134
State College,
PA, 16804
EOE

FEED/CROP SALES
North Central PA
(Tioga/Potter Counties)
We are looking for an experienced individual who wants to serve dairy farmers.
Service oriented company whose resources include most advanced feeds and computer technology.
Excellent salary and benefits available, established customer base and opportunity for advancement.
Send confidential resume to:
Box 1134
State College,
PA, 16804.
EOE

Fulltime position on dairy farm. General farmwork. Fieldwork, feeding cattle, limited milking. Experience preferred. Good salary, housing, BC-BS, time off. 60 cow registered holstein herd w/ emphasis on quality. Berks Co., PA. 215/693-5971

Fulltime truck/driver for local feed delivery. Class 3 license. Kreider Farms. Manheim. 717-665-4415

Fulltime position on 70 cow dairy farm for single person or couple (job available for both). Dairy in general farmwork. Experience preferred. Good salary, benefits & housing. Southern Lancaster Co. 717/529-2135

Fulltime position on 100 cow Central PA Dairy & Crop Farm. Experienced in milking & machinery maintainence. Housing & utilities, plus health insurance & time off. J. Nelson Sangrey 814/632-8624

Full-time position available on 100 Holstein cow dairy farm. Milking duties and some field work. Experience and references required. House provided. Good salary and regular days off. Cecil Co., MD. (301)398-1541.

GREENHOUSE PRODUCTION MANAGER and also GROWER positions available. Prefer those with experience growing quality bedding plants, hanging baskets and holiday crops. Large greenhouse operation in Eastern Pennsylvania. Full time positions with a growing firm. Call 215-967-2181 weekdays 9-5.

Greenhouse Grower Wanted. Possible housing for couple. Bedding Plants, Geraniums and Poinsettias. Experienced modern up-to-date range. Call 201/334-6528 after 6PM or write: Hamilton Farms, R.D.#4, Boonton, NJ 07005

Help Wanted to cut tobacco. Lancaster County. (717)872-5620.

Looking for a career-minded dairy couple. Room for some of their own cattle. Housing, medical benefits and time off. Future ownership possibilities. Call 315/287-4252

Milking help wanted! Must be reliable and sober! House available. Northern Baltimore Co. 301/592-6386 or 301/592-8342 after 7PM

Person to drive feed truck and work in feed mill. New Holland Area. Call 717-354-0301

Person to work on dairy farm. Send reply to Box #R-152 %Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

Person with ability to operate and maintain feed and field equipment on dairy farm. Duties center on feeding, fieldwork and equipment maintainance. Call 814/383-4572 after 6PM

Responsible person needed to work with young stock and do general farmwork on Northern Virginia Dairy Farm. References and experience preferred. Housing available. 703/399-1055, Culpepper VA

ROUTE TRUCK DRIVER/ SALESMAN needed for Milking Equipment Dealer. North Central PA & Southern NY Territory. Must have dairy background. Send confidential resume to Box D-7, c/o Lancaster Farming, P.O. Box 609, Ephrata, PA 17522

Saw mill and pallet manufacturer looking for a respectable and reliable person to work full-time. Will need references. Starting salary $6/hr. plus some benefits. Possible housing available. Location just north of Hershey. Phone evenings between 5-9pm. (717)469-0434.

The Furst-McNess Premix Company is looking for a qualified agri-sales person to fill an established territory in the Lebanon area. We are looking for a person who has sales experience and a livestock background. We offer a salary plus bonus, furnish a late model car and expense account, plus medical and dental insurance. If you can sell, manage your time, have desire and pride, and would like to be affiliated with a company where your future is unlimited, please send your resume to Hal Clark, Furst-McNess Company, P.O. Box 628, Statesville, North Carolina 28677

Tobacco labor wanted. Experience only. Good wages. (717)284-4924 after 1 p.m.

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Brook Ledge Horse Transportation has immediate openings for qualified over the road drivers. Team operations to run East of the Mississippi. We offer:
•$90-$120/day per person plus overtime.
•Paid Blue Cross, Blue Shield.
•Paid prescription card.
•Paid holidays.
•Paid vacation.
•Paid pensions.
•Numerous extras.
If you are 21 years of age or older, experienced, drug free, DOT qualified and ready to drive, call Dan Beardsley 1-800-422-8318.

Truck drivers for Fall Grain and Silage Harvest. August thru November. Possible over the road employment in the following year. $900/mo. + room & board & insurance. Prefer 21yrs. or older. 19yrs. minimum age. 316/585-2405 or 717/436-9798

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Herdsperson working w/purebred beef show cattle. Good working attitude and ability to learn necessary. Call (717)964-3598. Only serious applicants need apply.

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For Limestone
Full Time Employment
Contact:
Jack Buch
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Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc.
717-266-5611

Help wanted for modern dairy farm, chore work & field work, single person or couple. Southern Franklin Co. 717-264-8900, 717-264-5766, 717-264-4062

Kennel worker for a pack of English Fox Hounds. Help clean kennels, feed, mow and skin. Nice apartment and wages. (215)347-2186.

Individual w/good mechanical ability to install agricultural related equipment. Drivers license not required. Company benefits. Wages commensurate w/ experience. Call
Conestoga Agri Systems, Inc.
215-D West Main St.
Leola, PA
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Immediate Full Time Position for milking & general farm labor. No field work involved. Pleasant working conditions on large farm in Berks Co. Good salary & benefits. For further details call.
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3 to 11 shift.
Must be precise & quality conscious.
Some feed delivery occasionally.
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Excellent wages & benefits.
Farm Crest Feeds
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Boyertown, PA
Equipment Operators Wanted
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Assistant Manager needed for a 500 sow farrow to feeder pig confinement unit in Delaware.
Please call:
Purina Mills, Inc.
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Sales Manager
For Aggressive Animal Health Distributorship.
Overnight travel required.
Send resume to:
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Full time employment in new spouting, repairs & construction related company. Must be 18 years and older. Experience helpful in general construction. Pay commensurate w/experience
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Leola, PA 17540
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For agricultural related work
Nolt Spreading
Ph. 717-733-8528

Operator & Helper for portable feed mill. Farm or feed mill experience preferred.
(717) 768-8453

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Individuals to dismantle and remove two bank barns, 100'x40', 90'x38', 1 2-story wood frame house & several small wood frame sheds for materials only. Structures are located near Allentown, Bethlemen, Easton Airport. Interested parties should contact Ronald L. Yoder at 215/683-4121 8 AM-4 PM M-F for details and appointment to inspect structures.

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JAKE'S GREENHOUSES
(215) 670-0650

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Contact the Agricultural Employment Specialists
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Roaring Spring, PA 16673
(814) 224-4542
* An employer fee paid agency

HERDSMAN WANTED
Experienced person wanted for 225 cow registered Holstein herd. Double 8 auto take-off, lagoon. No regular milking, no field work. All extras, plus top salary.
Diamond Grove Farm
Rt. 2, Box 180
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Dairy Feed Sales Specialist
To assume duties and develop new accounts in Frederick Co., MD, and the surrounding area. Exp. with dairy and sales would be helpful. Salary plus commission, car allowance and benefits.
Send Resume and Salary Requirement To:
NORTH GLADE FEED & SUPPLY, INC.
Attn: Dirk Bowman
P.O. Box 116
Keymar, MD 21757

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Immediate opening in our modern computerized parts department.
• Experience In Farm, Lawn & Garden & Turf Equipment Preferred.
Salary negotiable w/experience, full company benefits.
If you enjoy meeting & working with people, this could be your opportunity.
Contact: Butch or Gary for interview
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Erb & Henry Equip., Inc.
New Berlinville, Pa.

POSITION AVAILABLE
Flock Manager
Experienced sheepman to run a 1400 head confinement farm. Experience with sheep, nutrition and supervising people required. Salary, housing and good benefits.
Send Resumes to:
Alka Farms, Inc.
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EXPERIENCED COMBINE OPERATOR FOR WHEAT SEASON
On Maryland's Eastern Shore
Can furnish room if needed.
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Ask for Kay

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Full-time, Part-time
Millersville Area.
Transportation arranged for Amish
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Good Salary
Transportation & Living Quarters Provided If Needed.
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or
301-939-1164

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SEND RESUME TO
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R.D. #1 Box 1392
Hamburg, PA 19526
PHONE: 215-488-1025

SALESPERSON WANTED FOR LAWN & GARDEN AND TURF EQUIP.
- Territory - Eastern Pennsylvania
- Experience Preferred - Training In Turf Maintenance Helpful

Salary negotiable w/experience, full company benefits.
If you enjoy meeting & working with people, this could be your opportunity.
Contact: Butch for interview
215-367-2169
Erb & Henry Equip., Inc.
New Berlinville, Pa.

HELP WANTED
Husband and wife team to manage a motel. Located in rural Ohio in connection with a farming operation. Duties: manage housekeeping and front desk personnel; some bookkeeping, necessary daily maintenance and groundskeeping. Nice two bedroom apartment is provided, all utilities, laundry facilities, plus negotiable salary. Hospitalization and employee benefits and generous vacation schedule included.
Personal qualifications needed: friendly outgoing manner with the public, honesty and loyalty, willingness to work and achieve mutual goals. Some experience is preferred, but we will train. Can start in September. Please write:
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To travel Maryland, Delaware and Northern Virginia representing established wholesale distributor of farm equipment, lawn and garden equipment, and hardware lines calling on dealers of above equipment. Draw against commission, medical and fringes. Reply to:
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West Springfield
MA 01090

Experienced Lawn & Garden Mechanic Needed Full Time
This Position Offers Year-Round Work With Overtime.
Excellent Benefit Package
And A Pleasant Working Environment
Apply At:
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WANTED TURKEY GROWERS/ PRODUCERS WHO WANT TO MAKE MORE MONEY
We are a growing local turkey processor in need of more quality grown turkeys.
We are looking for qualified turkey producers/ growers to join our team of contract growers. To be considered you must have or be able to build on your property a 50'x632' single story turkey house.
For more information please call:
George Georges
Round Hill
Round Hill Foods Inc.
(717) 624-2191 or write P.O. Box 38
New Oxford, PA 17350

EXCELLENT OPPORTUNITY
Cattle & Grain Farmer with knowledge of large machinery and mechanical skills, as well as working with cow/calf herd. Excellent home, plus beautiful location. References a must! Call Ron
(304) 728-7113 evenings

HELP WANTED
Dairy Feed Sales/Farm Consultant For portions of Lancaster & Chester Counties. Mature, well groomed individual with farm background in Dairy.
Hess Mills
6 S. Vintage Rd.
Paradise, PA 17562
717/442-4183
717/768-3301

ROOT'S HAS OPENING FOR EXPERIENCED FULL-TIME LANDSCAPE FOREMAN AND CREW MEMBERS
Positive attitude and love of outdoors necessary. Benefits include excellent hospitalization plan, retirement/profit sharing, up to 3 weeks vacation, holidays and over-time. Pleasant working conditions. Part-time positions also available. Good opportunity to work with quality oriented people.
APPLY AT:
ROOT'S NURSERIES, INC.
8:30 AM to 5 PM
Manheim Pike, Manheim, PA
717-898-0041

24 SITUATIONS WANTED

Caretaker
Man & wife working together, need house as part of wages.
(215) 347-1643

25 BUSINESS OPPORTUNITIES

A buffet style family restaurant, 12,000 sq. ft. for rent. Looking for person to develop, own and operate Lancaster County type smorgasboard. Great opprotunty in new addition of existing shopping area. There is a real need for this in heavily populated Allentown Area. Will consider a partnership arrangement with the right party. Call 215-967-2361. Also other space available for additional stores in this expanding location.

FARMERS MARKET AT KLINE VILLAGE has full & ½ stands available. Call Bonnie 717/238-7788

25 BUSINESS OPPORTUNITIES

For Sale: Very Profitable Food Concession fried vegetable business w/fully equipped mobile unit w/a confirmed eastern Pennsylvania fair circuit. $25,000. (717)367-2362

Want to make $15/hr. at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled. Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

26 HOUSEHOLD

FOR SALE: Hill-rom hospital beds, electric operated, mattress and siderails, $200.00 each. Kutztown, PA (215)682-9859.

27 PETS

Catahoula Working Farm Dogs For Sale. 215-493-4900

AKC Collie puppies, sable & white, ready Aug. 4th, shots & wormed. Juniata Co. 717-527-4028

AKC German Shepherd Pups, nice markings, wormed 717/354-8327 after 5:30PM

AKC German Shepherd Pups, good markings, shots, wormed, have parent 609/327-3877

AKC Golden Retriever puppies. Good blood lines. Shots and wormed. $150. (717)354-8897 or (717)354-9830.

Free to good home, 4 yr. old AKC Reg. black lab, male. Mose D. Stoltzfus, 5434 Beuna Vista Rd., Gap, PA 17527.

Male 18 month registered Sheltie, supplies, very active, needs big yard and lots oflove, great w/kids. Paid $450, asking $200 OBO. Monday through Thursday, 6-10pm, (717)394-7928.

New Foundland Pups, AKC, champion line, black and bronze, shots, $500. 609-785-1531.

Purebred Border Collie puppies, ready to go, shots & wormed. 215-589-2588

Purebred Australian Shepherd Pups, ready now. Working bloodlines, excellent temperaments. For farm or family 717/367-4623

Registered Australian Shepherd Puppies--great herders, watch dogs, family pets. All colors. MD-PA line. 301-343-2067.

Registered Austrailian Shepherd Pups. 717/244-6007

Stud service-Purebred Registered top line border Collie. Reasonable. $150 for 2 services. 717/665-9214

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

Wanted: Young AKC Registered Lab Retriever. Female. Call 717/658-6529

AKC Registered Airedale Terriers, 4 females, ready to go. Call Newville, 717-776-7381 leave message.

Australian Shepherd puppies, registered, parents workers with excellent temperment. Lebanon. 717-273-5352.

Foxes, pets, breeders-everything you need to get started. Call (215)538-1330.

Fox Terrier pups, black and white, 7 weeks old, $50 each. (717)862-3486.

Kuvasz Puppies
Farm raised Working Dogs, Some Show Quality.
Reservation w/Deposit
(304) 258-4432

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning
Call Collect
215-350-5249
Thursday Only
P.S. We buy pups 52 weeks a year.

PUPS WANTED
By Jo Jo The Dog Man

PURE & MIXED BREEDS HANDLED

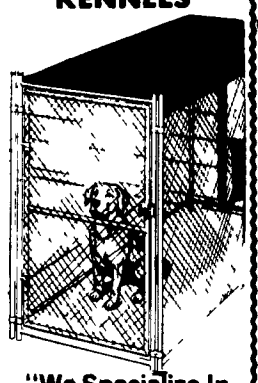
I Will Buy Pups
Aug. 15, 1989
5-8 PM @
Roots Farm Market
10 mi. South of Exit 20 off the PA Turnpike
Manheim, PA

P.S. This week there will be a $50 prize awarded for the cutest puppy & for the puppy who traveled the furthest distance.
Congratulations to last weeks prize winners: Cutest Pup: Emmanuel D. Lapp, Gordonville, PA. Furthest Distance William Lariabee, Quaker Neck, MD.

Available Soon!
Dairy in Shenandoah Valley of Virginia. Dairy Facility. Total responsibility for Dairy. Contract for 1 year, then evaluate as considering more permanent relationship.
P.O. Box 2905
Staunton, VA 24401

$$$$$$$$$$$$$$$$$$$$
CASH FOR PUPPIES
In litter lots for resale in my pet shop. Will pick up.
Call Charlie Hackett
215-681-5236
$$$$$$$$$$$$$$$$$$$$

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
662 N. Shirk Rd.
New Holland, Pa. 17557
717/354-9760

WANTED Puppies For Pets

AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided

Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259

INVITATION FOR BIDS

The Lancaster County Conservation District is requesting bids for the construction of a manure storage system to be funded in part by the Chesapeake Bay Program. Construction is expected to begin during the fall of 1989. The site is located in Salisbury Township, Lancaster County.

Prospective contractors will receive a bid package which contains Instructions to Bidders, a sample contract form, the plans and specifications for the project, and a bid sheet.

Small and minority businesses and women's business enterprises are encouraged to respond to this invitation for bids.

Sealed bids will be accepted until the public bid opening at 10:00 A.M. on September 7, 1989.

To obtain a bid package, contact the Lancaster County Conservation District at:

Room 6, Farm and Home Center
1383 Arcadia Road
Lancaster, PA 17601
(717) 299-5361

31 NOTICE

FEED MILL EQUIPMENT FOR SALE at your best offer. Mill being dismantled. Bag filler scales, cleaners, separators, belt grain elevators, wood metal chutes, staineways, dust collectors, belts, pullies, shafts, pipes, mixers, 3PH motors, truck scale, you name it. Berks Co. 215-683-3546

32 MISCELLANEOUS

WANTED: old barns, log cabins, out buildings, etc. for removal. Call 301-357-8108.

WANTED TO BUY: American Flyer Trains & Accessories for private collection. Call 215/799-3283

30 COMPUTERS

Apple III Computer with Zume Daisywheel Printer. Includes Word Processing, Mail List, and Visicalc Software. 717/656-7221

32 MISCELLANEOUS

18,000 lb. forklift pneumatic; 4,000 lb. forklift. 215-538-1945

80,000 craft paper gusseted bags, 15x3½ x29, 12x3x29, each holds 20 lbs. dry weight, printed, .025 cents each. 215-538-2500

Air compressor: 2 stage, portable, 45 CFM, 175 PSI, 23 h.p., only 2 hrs. use. $4,900. 215-723-7566. M/F 7a.m.-5 p.m.

Bohn Compressor and fan unit for walk-in cooler, also Jamestown Cooler door, $1,200 OBO. 215-932-0615.

Brake cables 30's thru 70's cars, trucks. Lebanon. (717)273-9502 evenings. Cataloged.

Corn-Bale Elevator. 24' 110/220V Rubber tires. Works. $150. G.Kotula, 3037 Merritt, Reading, PA. Berks 215/678-5461

Donut Fryer, Model 42, Donut Robot makes great donuts. Call Gary 609-924-2310.

TIRONIE'S TARPS SHIPPED ANYWHERE 717-584-2928 anytime.

35 KW diesel Gen. set. 3-phase/12 lead Rebuilt. Looks like new. Limited 24 mo. parts warranty. Deutz diesel, Lima generator. Auto safety shutdown. Call or write for spec sheet and photo. $5099.00

Stauffer Diesel Inc.
46 Pleasant Valley Road
Ephrata, PA 17522
Phone: 717-738-2500

IF YOU ARE INTERESTED

in leasing the deer hunting rights to your Salem Co., NJ farm or woodland for the 1989 to 1990 season, please call

609-853-7834

or send info to

P.O. Box 656
Woodbury, NJ 08096

Hermance four sided moulder-planer, 8"x12", knives including log, siding and T & G, runs good. 717-946-7811

Hyster forklift H150C, mask closed 150" raised 210", $7,500 OBO. (215)542-9561.

LANCASTER COUNTY VO-TECH SCHOOL is receiving sealed bids for the sale of excess equipment. Call Mr. James Dunlap at 717/464-2771 for details and bidding instructions. Bids due prior to 2:00PM on Monday, August 21, 1989

Model 70-B electrostatic paint system, complete. Excellent condition. $1,600. Bell Manufacturing, 195 Bell Road, Christiana, PA 17509 (717)529-2395.

PAINTED STEEL ROOFING & SIDING
- Galvanized and Galvalume
- 29/26 Gauge
- 3 Major Brands Available
- Large Stock of Trim & Sheet
- 37 Colors

Conestoga Building Supply
202 Orlan Road
New Holland, PA 17557
717-354-2613 or
1-800-544-9464

FOR SALE

Keystoker hot water coal furnace with domestic hot water and stoker bin. Very clean. Used 8 yrs. In fine condition with draft control and smoke pipe. $500.

Call
(717) 532-6384

35 TRUCKS & TRAILERS

For Sale: 3 stainless steel tanks, w/out compressors. 1- 8,000 gal. w/ pump & meter. 1- 3,000 gal. round, exterior painted. 1- 400 gal. square tank. Call Bob Gruber 717/367-5134 or 717/367-9006

Fuel tank w/meter and hose. Small bale elevator. IH hand crank cream separator. 2-hole corn sheller. 6' disc harrow. 3pt 2-row cultivator. York County. (717)292-2821.

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.

W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

33 RECREATIONAL VEHICLES

FOR SALE: '68 Carlson ski boat, red metal flake, 100hp Mercury. Good condition. $3,800. (717)366-0447.

For Sale: Boat: Sea & Ski, 19ft. inboard/outboard, 120HP, depth finder, compass, CB, lift & all aluminum trailer. Make offer. 717/273-4042

ULTRA LIGHT AIRPLANE, tricycle landing gear, semi enclosed cabin, very strong, strut braced, electric start, comes w/ wheels & pontoons, for land or water flying, has emergency ballistic parachute, including fully enclosed 4 wheel custom trailer for transporting or storage. No pilot license required. $7,500. 717-345-4362 Nights.

Fan's 48"x48" with electric motors, $50/each. Sam Stoltzfus, 227B Osceola Mill Rd., Gordonville, PA 17529.

ANTIQUES WANTED
Wall cupboards, pay up to $10,000. Corner cupboards to $5,000. Slant-front desks, grandfathers clocks, rope beds, guns, pottery, toys & anything old. Just give me a call. Free appraisals.
Write:
Tom E. Fisher
P.O. Box 277
Elverson, PA 19520
Or Call
1-215-286-6618
Anytime

34 AUTOS

'75 Pontiac Bonneville 4 dr. H.T., 2 tone maroon, 39,234 miles, air, AM-FM, speed control, everything original except new tires battery, mint condition, $3,200. Ford 3 pt. NP corn workers, good shovels, good shape, $165. Wacker 14A gasoline engine, runs ok, $125. York Co. 717-938-2459

82 VW Jetta Diesel, 80,000 mi. needs drive axle, $750. 215/683-7943

84 Dodge Caravan, powered w/ VW Turbo Diesel, 5speed, quarter panel damage $2300. 215/683-7943

84 Dodge Maxi-Van, new tires, new transmission, 80,000 mi., light body damage. $2300. 215/683-7943

FOR SALE: 1986 Dodge 15 passenger maxi van, PS, PB, tilt, cruise, dual air, tinted glass, electric locks, $10,300 OBO. 215-488-1062

35 TRUCKS & TRAILERS

'86 Ford F150 ½ ton pickup, 300 6 cylinder, HD, 4 spd., PS, PB, AM-FM, charcoal, excellent condition, $5,450. 717-733-2873

'86 Ford F250, ¾ ton, 4x4, 300 6 cylinder, 4 spd., PS, PB, lock-out hubs, new radials, excellent condition, $8,975. 717-733-2873

'86 Ford XL F150 Super Cab, 300 6 cylinder, auto., PB, PS, AM-FM, dual tanks, 6,250 GVW, excellent condition, $8,600. 717-733-2873

'87 Chevy C20, ¾ ton pickup, 305 FI, auto., PS, PB, AM-FM, 33,000 miles, dark blue, $7,900. 717-733-2873

'87 Chevy HD C20 w/new Reading utility body w/ enclosed roof, 350, auto., PB, PS, AM-FM, 15,000 miles, like new, $12,900. 717-733-2873

'87 Ford F150 4x4, 300 6 cylinder, HD, 4 spd., PS, PB, AM-FM, sliding rear window, lock-out hubs, blue & white, excellent condition, $9,950. 717-733-2873

'87 Ford F250 ¾ ton pickup, 302 EFI, 4 spd., PS, PB, air, AM-FM, dual tanks, 22,000 miles, excellent condition, $8,675. 717-733-2873

'87 Ford F250 ¾ ton super cab, 300 EFI, 4 spd., PS, PB, AM-FM, dual tanks, 8,600 GVW, 32,000 miles, excellent condition, $10,500. 717-733-2873

'87 Ford XL F250 Super Cab, 351, auto., PB, PS, cruise, tilt, air, AM-FM, dual tanks, 8,600 GVW, 11,000 miles, excellent condition, $12,500. 717-733-2873

'87 GMC 3500, dual whl. 4x4, cab & chassis, 6.2 diesel, auto., PB, PS, AM-FM, dual tanks, 11,000 GVW, excellent condition, $10,500. 717-733-2873

The Seventh Nation's Capital Area Farm Toy Show and Sale

Frederick, Maryland
Saturday, September 9, 1989

★ ROOM TRADING ★
FRIDAY EVENING
AND
AFTER AUCTION
SATURDAY EVENING

★ TROPHIES ★
AND CASH AWARDS
FOR BEST DISPLAYS

HOSPITALITY ROOM
FRIDAY EVENING
7 to 9 p.m.

ADMISSION: $2.00

For more information contact:

Walter L. Carr
at the Sheraton Inn
Sept. 7 & Sept. 9

Sheraton Inn-Frederick
I-270 AT ROUTE 85, FREDERICK, MARYLAND 301/694-7500

Show Time - 9:00 AM - 3:00 PM

Auction 6:30 PM
Consignments 4:30 PM

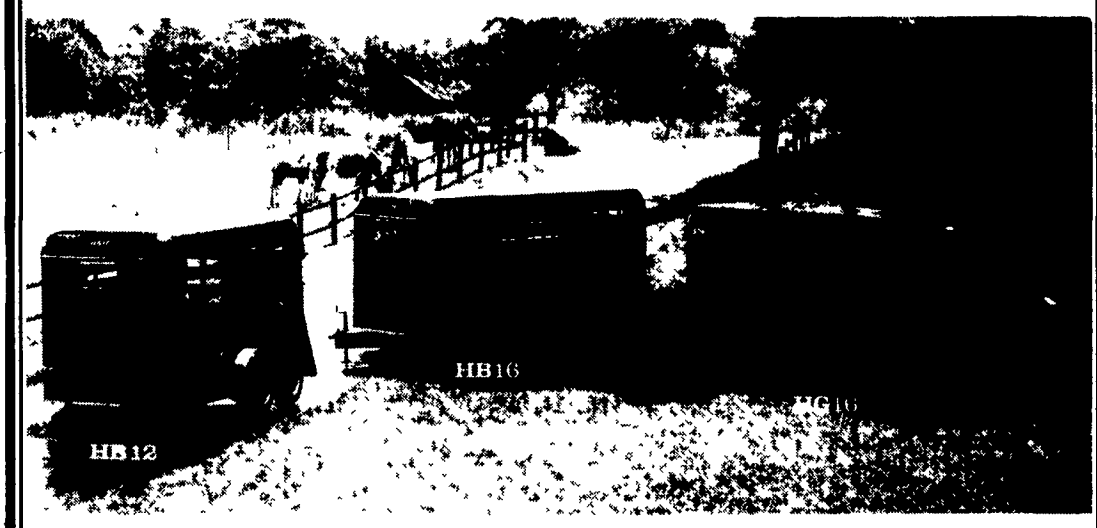
WALLY HOOKER
Toy Auctioneer
Francesville Indiana 47946
(219) 567-2457

Jim Proctor
1395 S. Concord Rd.
West Chester, PA 19382
(215) 399-0802

Earl Terpstra
8104 Samoa Court
Springfield, VA 22153
(703) 455-2834

1989

★★★★ TRAILER ENTERPRISES ★★★★ IS BUILDING A REPUTATION



From Livestock Transport - to- Heavy Industrial Moving.. We serve **YOU!!** Call **NOW** and give us the opportunity to help, with **ALL** Your Trailer Needs! Financing and Leasing To Qualified Buyers. Trailer Enterprises is also your area distributor for Owens heavy-duty car dolly.

HORSE * STOCK * GOOSENECK * FLATBEDS * INDUSTRIAL * UTILITIES OF ALL KINDS *

"Revvin' to take care of ALL your trailer needs."

120 Pine Drive
Greencastle, PA 17225
Phone 717-597-5611

TRAILER ENTERPRISES

Arvin Martin
James Martin
Res. 301-791-9751

'87 GMC Rally STX 12 passenger Van, 350 FI, auto., PB, PS, PW, PDL, cruise, tilt, dual air, privacy glass, 24,000 miles, blue & silver, excellent condition, $12,995. 717-733-2873

'88 Chevy 2500, ¾ ton, 305 EFI, auto., PB, PS, brown & tan w/matching cap, 3,000 original miles w/ balance of factory warranty, like new, $9,950. 717-733-2873

'88 Chevy 3500, 1 ton pickup, 350 EFI, 4 spd., PS, PB, 8,600 GVW, blue, 11,000 miles, excellent condition, $10,300. 717-733-2873

'88 Chevy Silverado 2500, ¾ ton 4x4, 350 EFI, 5 spd., PS, PB, air, AM-FM, 2 tone blue, excellent condition, $10,995. 717-733-2873

'88 Ford F250, HD, ¾ ton, 4x4, 460 5 spd., PS, PB, 8,600 GVW, lock out hubs, 4,000 miles, excellent condition, $13,500. 717-733-2873

'88 Ford F250 XLT Lariat 4x4, super cab, 351 EFI, auto., PB, PS, PW, PDL, cruise, tilt, air, AM-FM cassette, dual tanks, lock out hubs, 3,700 original miles w/transferable 6 year 60,000 mile factory warranty, excellent condition, $15,900. 717-733-2873

'88 Ford XL F250, HD, ¾ ton w/new Reading utility body, 300 6 cylinder, 5 spd., PS, PB, 16,000 miles, 8,600 GVW, like new, $11,995. 717-733-2873

'89 Chevy 2500, HD, ¾ ton, 4x4, 350 EFI, auto., PB, PS, AM-FM, 8,600 GVW, 6,000 miles, excellent condition, $12,995. 717-733-2873

B61 Mack single axle tractor w/wetline, $1,850. Ford C850, 10 wheel truck, 477 gas engine, $2,350. Rockwell rear cutoff Reyco suspension, $800. Mack rear bogie assemblies, 450 ratio, from $800-$1,200. 5-speed Mack transmission, $300. (717)272-9595.

Cattle truck for sale, 1977 Chevy one ton, 12 ft., covered body, good running order. Call 301-374-2237.

Class 3 hitches for pickups, only $87! Also Schuck Cushion Hitches and bumpers. Check our prices! Ship UPS. Free literature. 717-865-7240.

Eby 16' on-the-floor gooseneck, new in 1987, excellent. $7,500. Warren Angus, 215-598-3980 after 7PM.

FOR SALE: 1987 Ford F-350, 46,000 miles, auto., 460 engine w/9' aluminum Eby box, 8 years old w/ decking and over the cab extension. $13,500. Would consider selling separately. (717)673-4153.

67 Chev 30,000 GVW 5+2 P.S. 14' Alum Dump Body, 366 nice $6,900. 66 Ford 350 300 6cyl. stake dump $2,250. 48 GMC 13,000 GVW 6x8 steel dump, new inspection $1,500. 68 Ford 500 17,000 GVW 6x8 steel dump 717/653-9580

'69 GMC Tilt Cab, 7500 Series Truck. 26,000lb. GVW, 351 V-6 motor, 5+2 speed, P/S, high van box, good truck! $2500. 717/374-1958

6 Horse Van, privately owned. 1984 IH Diesel, A/C Cab, excellent condition. 717/235-7416

'74 Kenworth CEO, 13 speed, 4 bag air ride, needs motor work, rest of truck in good condition. 717-862-3372.

'78 Jeep J20 ¾ ton 4x4, V8, auto., PB, PS, AM-FM, mechanically good, $1,275. 717-733-2873

'86 Chevy C30 Silverado, dual whl. pickup, 454 auto., PS, PB, air, AM-FM cassette stereo, 19,000 miles, 2 tone blue, like new, $12,500. 717-733-2873

TIRONIE'S TARPS. SHIPPED ANYWHERE. 717-584-2928 anytime.

1988 Ford F800, 20' grain dump, cab rack, P/S, airbrakes, A/C, AM/FM, 5+2, excellent condition. 717/896-8766 Dauphin County

TRAILERS TRAILERS TRAILERS

1981 Trail Mobile, 36/33 $16,800
1978 Dorsey, 34/32 $10,500
1980 34/32, tri-axle
1986 Cobra, 35 ft. frameless $28,000
1971 Fruehauf, 24 ft. $4,900
1965 Fruehauf, 28 ft. $8,200

TRACTORS

1979 Peterbuilt $8,200

717-532-8363

FOR SALE

1972 GMC triaxle dump truck, 14 ft. steel dump body, air tail gate, power steering, 17,000 miles on new engine, 427 gas, legal payload 25.5 ton, good condition, $9,200.

717-922-3340

FOR SALE: 1985 Ford F250 pickup, 351 V8, auto., AM-FM cassette, 57,500 miles (sharp). 717-872-9152 Daytime, 717-872-2579 Evenings.

FOR SALE: 1968 IH dump truck, 6 cylinder gas engine, 5 speed, 2 speed rear, air brakes. Asking $3,500, negotiable. (717)273-6309.

1981 GMC Top Kick 3208 CAT, 10 speed, P/S, air brakes, double frame, 33,000 GVW. (301)877-9889.

1988 4star Aluminum Stock Trailer-16'x7'x6½, less than 1000 miles. 1973 24'Avion Camper Trailer $700. Lancaster Co. 717/529-2268

3800 Gallon Rubber lined Butler Tank Trailer. Ideal for Storage or LIQUID MANURE APPLICATION.

$975.00

Curry Supply Co.
Curryville, Pa.
814-793-2829

1989 Ford Ranger, 4x4, 6 cylinder, 5,000 miles, $8,695.; 1983 Ford Ranger, diesel, 4 spd., 62,000 miles, $2,695. Martin Hardware & Equip. Co. 717-949-6817 or 949-2549

1966 Int. 66 passenger bus, used by church, good condition. Best Offer
717-626-5830
after 6 p.m.

1979 Shasta 35' 5th Wheel Trailer, 21' Awning.
Must see to appreciate.
$10,000
717-256-3309

MORE TRUCK FOR YOUR DOLLAR.

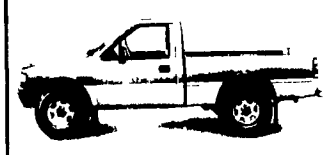
FREE MUD FLAPS! at time of purchase when you mention this ad.

1989 ISUZU PICKUP

- Two Powerful Engines 2.3L or 2.6L
- 5 Speed Transmission
- AM/FM Cassette
- Dual Mirrors
- Double Wall Cargo Bed
- All Season Steel-Belted Radial Tires

Prices Starting At **$7995.00**

BIG JOE 4x4

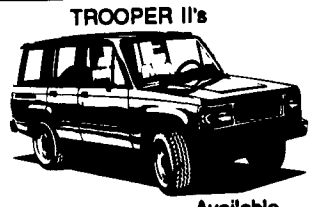


$11,599

ALL NEW AMIGO

Available In 2WD or 4WD Convertible!

TROOPER II's



$13,999 Available V-6 Auto.

FAULKNER ISUZU

Rt. 30 & Rohrerstown Rd., Lancaster, PA • 299-0961 • Monday thru Friday 9-9 • Saturday 9-5

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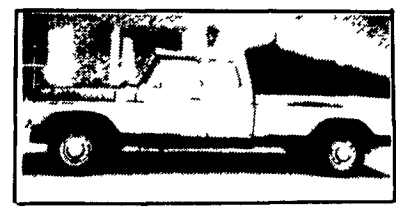
CUSTOM FAB PONDEROSA EL PASO MONARCH HILLSBORO

HORSE - 2-Horse w/tack space, feed door, T-divider $2450 & up
STOCK - Bumper $2100 and up, Gooseneck $2800 and up Available in steel and aluminum
UTILITY - Available in Bumper and Gooseneck, stake pocket or rail, 8 ft. and up, starting at $687
SPECIALS- New '89 GN stock 22x7x7 full nose, heavy axles $4600
Used TB 2-Horse good condition $1350

(717) 242-0941
RD #2 McVeytown, Pa. 17051
Rt 22 Strodes Mills Middle Rd. ¼ mile

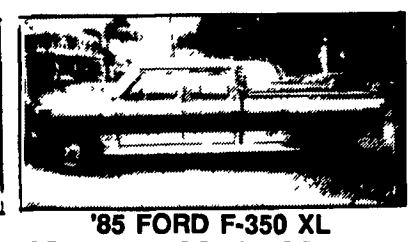
LEBANON COUNTY'S FOREMOST TRUCK SPECIALIST

'79 C-30 CHEVY DUMP
454, AT, PS, PB, A/C, 40K
$9,495



'78 FORD F-250 XLT DUMP
V-8, AUTO, PS, PB
$4,995

'79 DODGE POWER WAGON STAKE BODY 4x4, 24,000 ORIG. MILES, AUTO, PS, PB, 318 V8
$5,895



'85 FORD F-350 XL SOUTHERN COACH CONVERSION
460, AUTO, PS, PB, AC, TILT, CRUISE 35,000 MI.

Gerhart AUTOMOTIVE

OVER 90 CARS & TRUCKS IN STOCK

CALL BOBBY GERHART AT: (717) 273-7995

5 POINTS LEBANON, PA

White Road Boss, Cummins engine, 10-speed, screw, new Emron Paint, engine rebuilt, new steer tires. Call 717-862-3466.

1974 GMC 14' Aluminum Van, $3,000. Good running order. 717-668-1399.

1976 Chev 6 ½ ton pick-up. Montgomery Co. $600. Call 215/489-9692

IH 9' Dump, 345 gas, 5+2, 30,000 GVW, good 10x20 tires, $2400. 717/456-7409

Mack dump 10 wheeler, B81SX, rebuilt engine, zero mileage, $9,500. 215-445-4105

Mechanics Special! 86 Ford F250 Air, 25,000 miles, needs front end $3500. 717/273-6018 Lebanon Co.

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1978 GMC General for parts, 290 Big Cam, $2,500.; RTO8LL, $1,500.; 44,000 5.29 Rockwells, $1,800.; 18,000 front axle w/PS, $800.; Cab, $500.; Radiator, $200.; Misc. Parts. Ron Coover, Shippensburg, Pa. 717-532-6540

1980 MACK, 300 Maxidyne, 5 spd. trans., new tires, good condition. $17,500. OBO. 301-687-7282

1981 Ford F150, excellent condition, PS, PB, auto., 49,000 miles, MD inspected, $4,000. 301-775-7519

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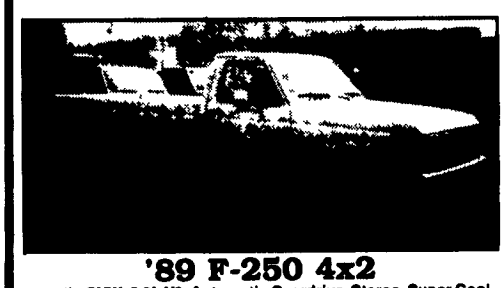

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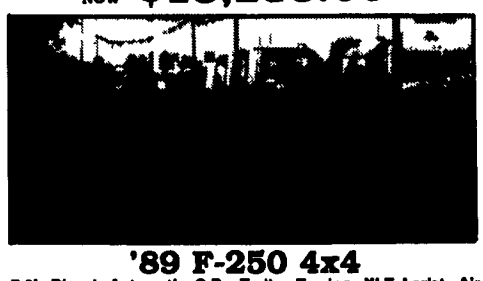

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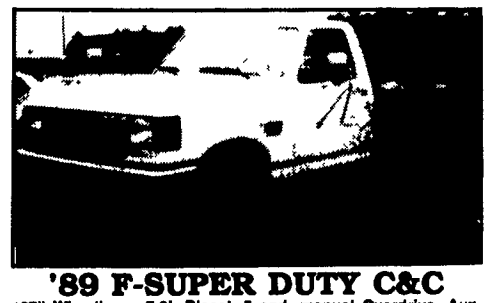

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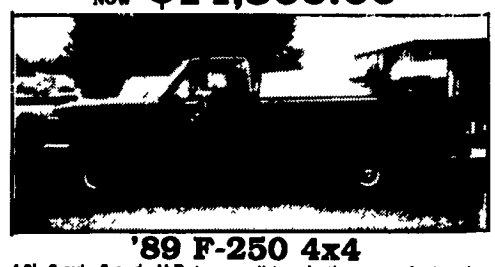

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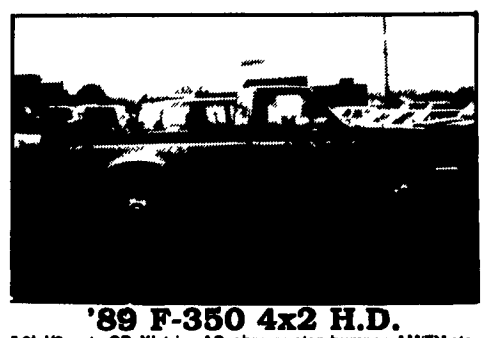

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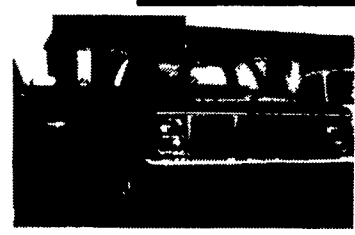

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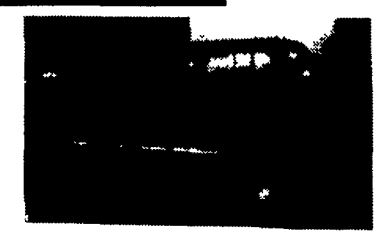

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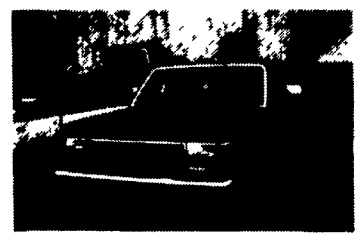

'87 Ford F350 Dual Wheel, AT, PS, PB, Air, PD, PDL, Cruise & Tilt, 6.9 Diesel, Brown & Tan, 34,000 Miles.
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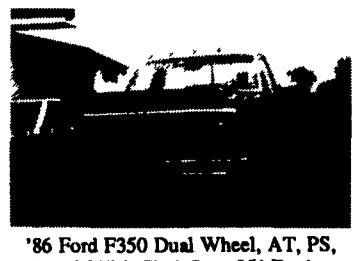

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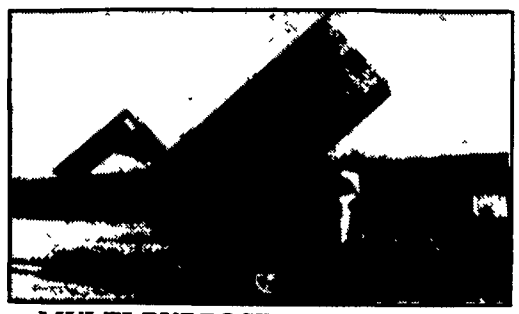

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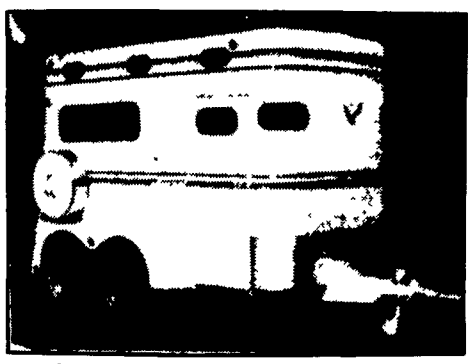

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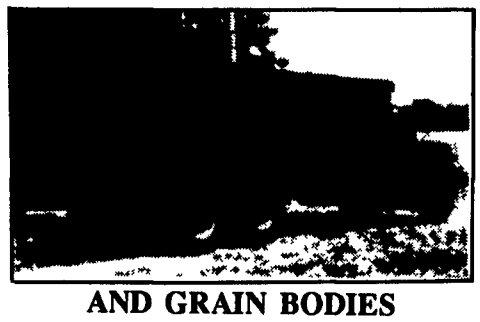

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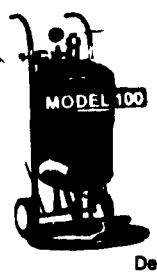

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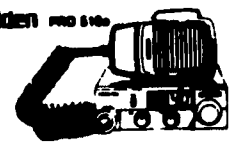

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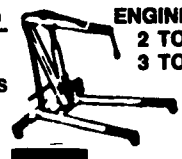

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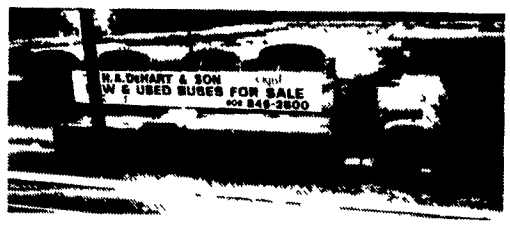

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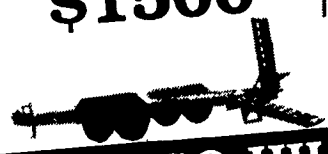
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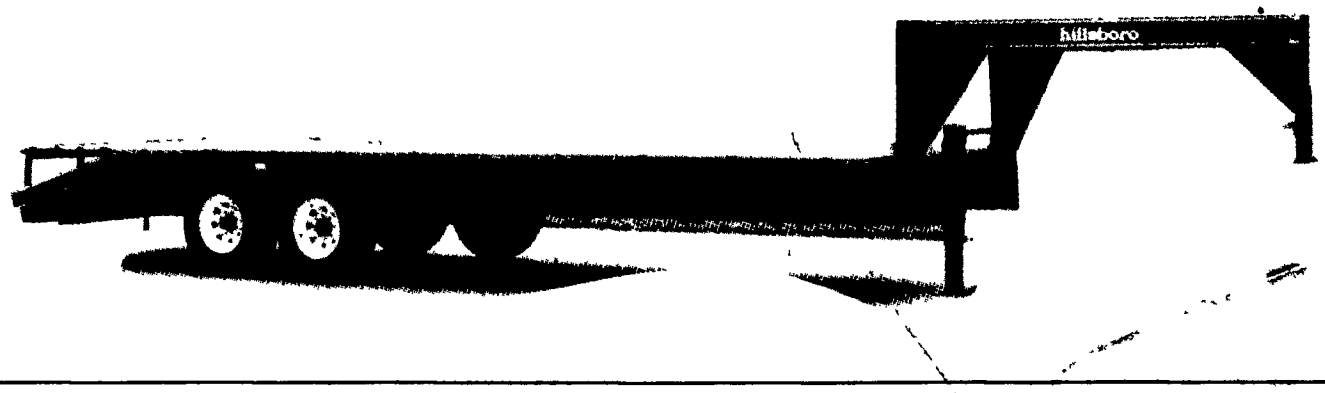

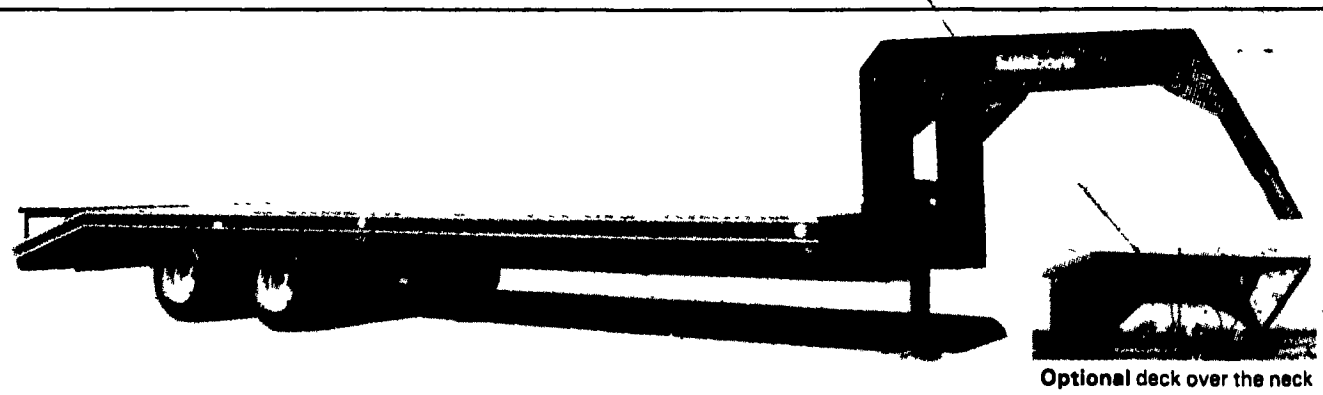

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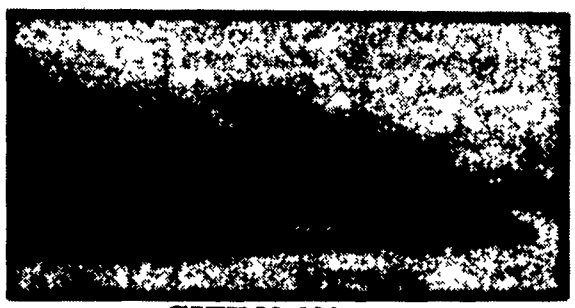

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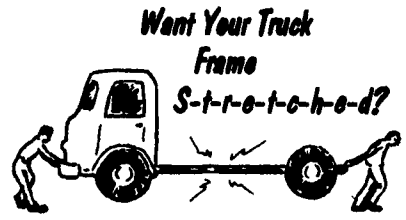

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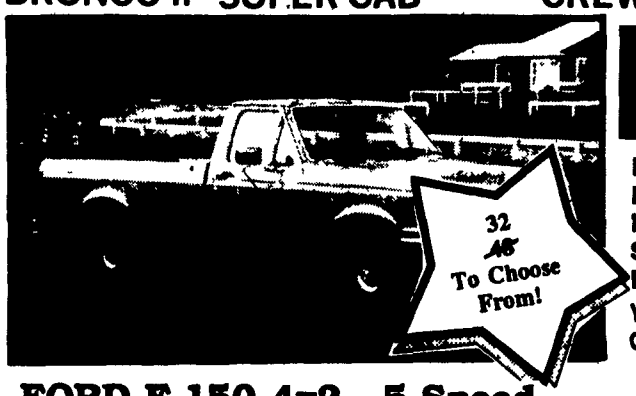

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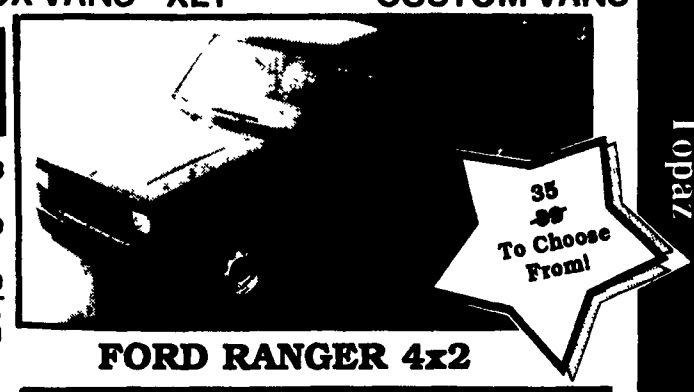
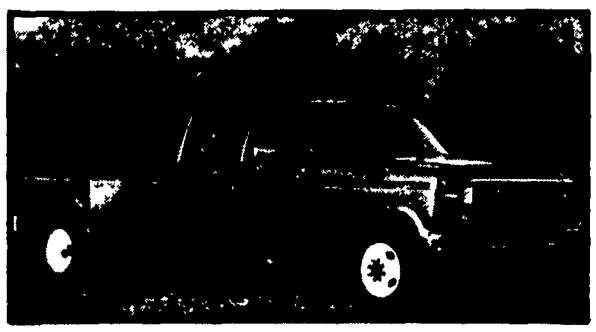


FORD RANGER 4x2



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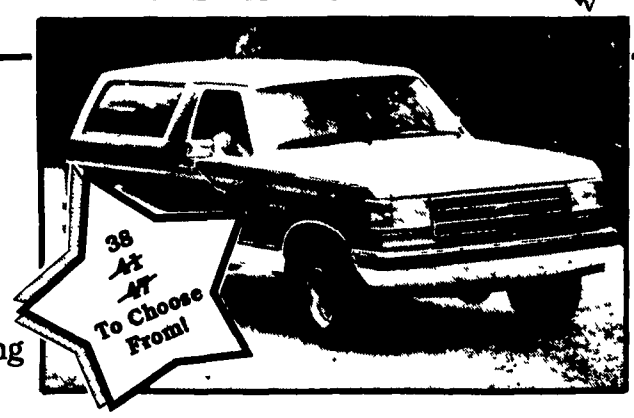

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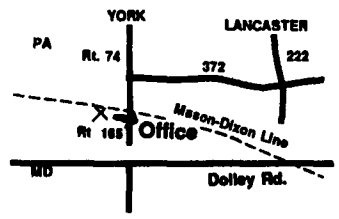

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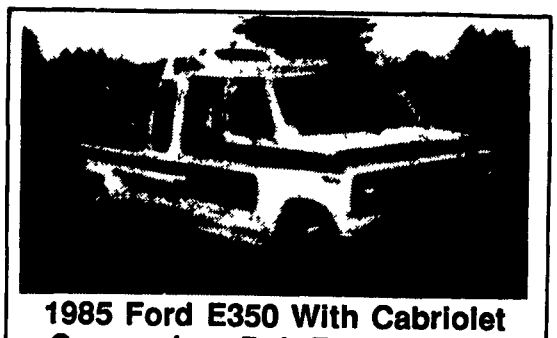

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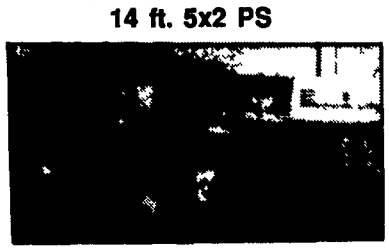

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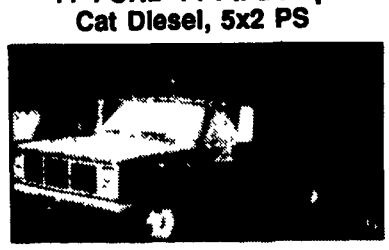

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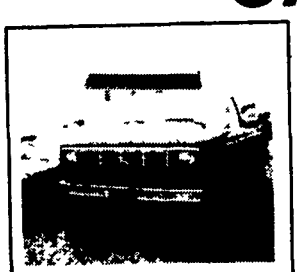

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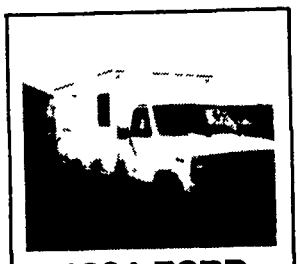

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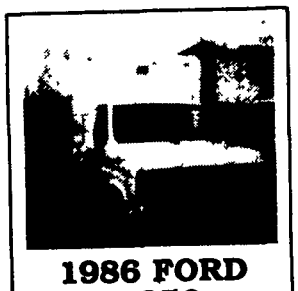

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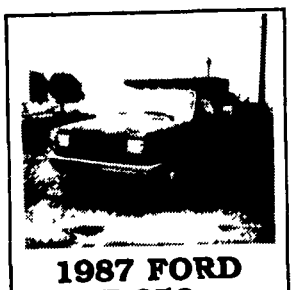

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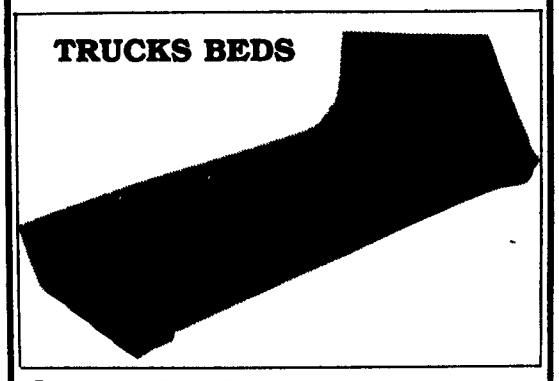

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1978 International Gas V345 Complete Overhaul Cab & Chassis 19,200 G.V.W.R.
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1977 Dodge w/12' Stake Body 16,000 G.V.W.R.
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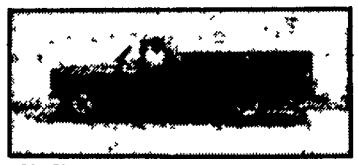
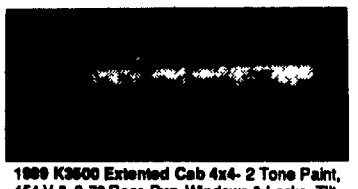


1989 Chevrolet R3500 Utility Truck- 350 V-8, 4.10 Rear, Automatic, Dual Rear Wheels.

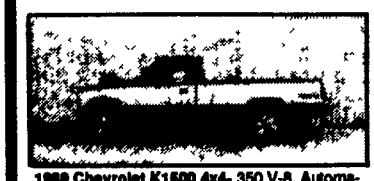
1989 Chevrolet R3500 Crew Cab Conversion- Custom Paint, TV, CB, Radar Detector, Pwr. Windows & Locks, AM/FM Cassette, 454 V-8, 4.10 Rear, Dual Rear Wheels, Air Conditioning, Tilt, Cruise Control, Automatic.

1989 Chevrolet R3500 Crew Cab- 454 V-8, 4.10 Rear, Pwr. Windows & Locks, Tilt, Cruise, AM/FM Cassette, Air Conditioning, Small Rear Wheels, Automatic, Silverado Equip.

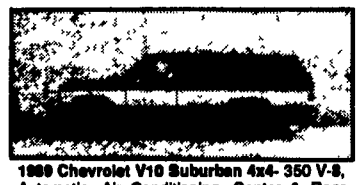


1989 K3500 Extented Cab 4x4- 2 Tone Paint, 454 V-8, 3.73 Rear, Pwr. Windows & Locks, Tilt, Cruise, AM/FM Cassette, Dual Rear Wheels, Air Conditioning, Automatic, Silverado Equip.

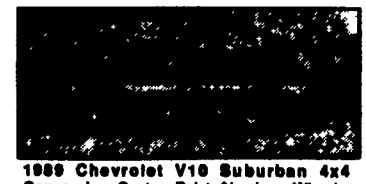
1989 Chevrolet G20 Cargo Van- 350 V-8, Automatic, HD Rear Springs, 3.42 Rear.



1989 Chevrolet K1500 4x4- 350 V-8, Automatic, Air Conditioning, 3.42 Rear, Aluminum Wheels, Tilt, Cruise, Pwr. Windows & Locks, 2 Tone Paint, Silverado Equip., AM/FM Stereo Cassette.



1989 Chevrolet V10 Suburban 4x4- 350 V-8, Automatic, Air Conditioning, Center & Rear Seat, Locking Differential, 3.73 Rear, Pwr. Windows & Locks, 2 Tone Paint, Tilt, Cruise, AM/FM Cassette, HD Trailering Equip.



1989 Chevrolet V10 Suburban 4x4 Conversion- Custom Paint, Aluminum Wheels, TV, 350 V-8, Automatic, Air Conditioning, Pwr. Windows & Locks, Tilt, Cruise, 3.73 Rear, Center & Rear Seat, HD Trailering, AM/FM Cassette.

Chevrolet - Oldsmobile Car and Truck Factory Incentives On Now!

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Quality Richard Dealership
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1972 INT. 1310
With Schwartz Rollback Hyd. Winch And Ag Tow Bar...
$4,900
Erb & Henry Equip. Co. Inc.
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- (2) 24' Eby - Both With Deck Rails
- 22' Eby With 84 Chevy C70
- 21' Eby - Deck Rail & Decking
- 20' Eby Deck Rail & Decking
- 18' Eby - Nice Shape!
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- 12' Eby - Like New!

M.H. EBY, INC.
P.O. Box 127
Blue Ball, PA
17506
(717) 354-4971

ALUMINUM GOOSENECK TRAILERS

20' Gooseneck Trailer

A versatile, lightweight, Eby aluminum stock trailer is built to provide years of maintenance free service. An Eby trailer is custom built to fit your individual hauling needs - No mass production! We use only quality components and strong alloy aluminum to manufacture what may be the last trailer you'll ever buy.

- LIGHTWEIGHT - Eby stock trailers are 25-35% lighter than comparable steel trailers. Less weight means better fuel mileage or increased payload.
- MAINTENANCE- Eby aluminum trailers won't rust. Welding and painting can cost you dollars in down time and repairs.
- DURABILITY - Eby trailers are built tough. Quality components and 6061 alloy aluminum provide the ruggedness required in a livestock trailer.

SEE BOTH THE RUFF-NECK AND WRANGLER MODELS AT AG PROGRESS IN OUR LOT ON WEST 8th STREET!

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Route 23, Blue Ball, PA 17506
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7500 GMC Detroit Diesel
Fontaine Bulk Bed, Ex. Condition
703-896-2279
or
703-896-1323

'87 Chevy S10 Tahoe, 4x4, V6, 5 spd., AC, AM-FM cassette, 63,000 Miles $7,900
'87 GMC S15 Jimmy, V6, 5 Spd., AC, 92,000 miles $4,900
'87 Ford Ranger XLT, 4 cylinder, 5 spd., AM-FM cassette 53,000 miles $7,900
'86 Dodge Ram 50, 4x4, 2.6, 4 spd., AC, AM-FM cassette, 40,000 miles 5,900
'84 Ford F250 XLT, 6.9 diesel, auto., loaded, 23,000 miles ... $8,600
'84 Chevy Beauville, 12 passenger, V8, auto., dual AC, 50,000 miles $7,600
'85 Ford F150 XL Explorer, 4x4 302 fuel injected V8, auto., 59,000 miles $7,600
'85 Ford XL Maxi Van, 15 passenger, V8, auto., dual air, 85,000 miles $6,400
'84 Ford Bronco II XLT, V6, auto. 4x4, 81,000 miles $6,800
'82 Chevy S10 Sport, V6, 4 spd., 75,000 miles $3,400
'68 Ford stake body dump truck, V8, 4 spd., 81,000 miles $2,800

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Myerstown, PA
717-866-5237

36 REAL ESTATE

3 bedroom 2 bath house on 3 acres +/-, 1 car garage and 5 outbuildings West of Harrington, DE. Asking $60,000. Additional 38 acres +/- wooded. Asking $75,000 for all. (302)398-8107 any time.

$50,000 Investment Opportunity - Major nationally franchised 100 unit motel has been sold. A limited number of investors are sought to participate. Excellent Condition. Minimum investment $50,000. Ask for Mrs. Lutman - Days (717)697-6081. Evenings (717)263-4801

Development opportunity - 125 A to be developed remain in this S.C. PA mountain community. Several lakes. 30 finished lots - convenient to Turnpike. 1 hr. from Lancaster - ½ hr. from Harrisburg. $400,000.

Gettysburg Farm - 160A gentle rolling acres. Impressive 2 story brick colonial residence, new Morton building, barn 2,500 ft. road frontage. $500,000.

Greencastle, PA - Remodeled farmhouse on 15 A. In ground pool in its own building. Barn for horses. 1 mile from state line PA Exit I-81. Gracious setting framed by trees. $299,000.

We have access to over 60 farms and acreage in South Central PA.

LUTMAN ASSOCIATES REAL ESTATE, INC.
655 Silver Spring Road
Mechanicsburg, PA 17055
(717)697-6081

7 or 15 acres- secluded in Lebanon County- approved to build. This mostly open land has a stream, good view, and is near I-81. Call 717/664-4859

13.5 acres woodland with 50' right of way, $20,000. Juniata County. Call (717)694-3945.

1974 Champion mobile home, 12x65, 2 bedroom. Must sell! $3,500. (301)838-2238.

205 Acre 110 tillable farm for sale. Somerset County. (814)893-5723 evenings.

NORTHERN IOWA FARMS 254 ACRES, grain and livestock, 90 CSR, excellent hog and cattle feeding facilities. Two nice homes. 4 Harvestore Silos. 10,000 bushel drying bin. Contract. 120 ACRES, 3 bdr. ranch, 2 Silos, Cargill type hog finishing unit. Cattle sheds, grain dryer and storage. Contract. 318 ACRES, dairy and hog, fail to finish, 3 bdr. ranch, 3 Harvestore Silos. Milking parlor. 76 free stall barn. Above average improvements. Contract. 280 ACRES, 3 bdr. ranch, 2 drying bins, 20,000 bushel storage, many good usable buildings. Contract. 200 ACRES, 140 acres in CRP, $625 an acre. 297 ACRES, ranch home, drying bin, 38,000 bushel storage, 40x80 machine shed, other out buildings, cash. Squire Real Estate, 729 Main St., Osage, Iowa. 515-732-5790.

PERRY CO.: 148A farm in Tuscarora Township. 75A farmland, balance woodland. Several springs on property. 2-story 8-room log farm-house. Asbestos shingle siding w/bath, full cellar, oil heat, bank barn. Numerous out buildings. 8,500' hard road frontage (included). (717)567-3574

Queen Annes Co., MD.: Dairy Farm 155 acre; Crop Farm 180 acre. Farm & Home Real Estate Co. 301-438-3722

Rent or Sale, 267 Acre Beef or Dairy Farm, House, 2 barns, hay barn, equipment sheds. Cambria County. Harvey Stineman 814-495-4134.

Sale by owners, 212 veal calf operation with equipment. Potential for 250 more. 28 acres with 4 bedroom modern rancher with full basement, wood or oil heat, fenced pastures. $100,000 year income for $250,000 in Tioga County. Call anytime 717-537-6188.

S. CENTRAL OHIO
364 acres, 339 tillable, 290 acre corn base. Excellent soils, 2 sets good buildings, $1,500/acre. HBO Realty, 419-991-8734

SOUTHERN CLARION COUNTY-Dairy of Distinction Award winning farm, Many great features: 3 barns, silos, remodeled home, sheds, 300+ acres, and more. A must see in Western Pennsylvania! Call Sarvey Real Estate at (814)266-6333 or (814)849-5161.

STARTER TURKEY FARM: 26 acres Southern Indiana, Daviess Co. 9 miles North Purdue Turkey Processing Plant in Washington, Indiana. 3Bedroom stone ranch house, central air, 2 poultry houses 3024 and 2880 sq.ft., storage building tool shed 36'x66' $95,000. 215/873-9096

TIOGA CO. DAIRY FARM: 209 acres w/160 tillable, nice year around stream. 75 to 80 head livestock capacity. Large 7 bedroom farm house. Available financing. Call for more details. Price $207,000.; LOG HOME: New 2 bedroom log home in small village w/2 acres. Interior walls are log construction. Large fireplace & nice front porch. Price $59,900. 717-659-5684

Waterloo, Juniata County, 100 acres woodland. 717-438-3115.

WESTERN NEW YORK FINGER LAKES REGION: 141 acres, barn, silos, modern 3BR ranch. Higher yield valley soil overlooking Cohocton River $195,000...
Also WYOMING COUNTY: 289 acre dairy farm, 3 silos, 6,132 ft. frontage, 182 acres tillable, beautiful 14 yr. old ranch $225,000...
Also NIAGRA COUNTY: 140 acres U-pick fruit, 1 mile road frontage, 2 houses. Near Buffalo. $150,000.
McKnight-Hogan & Noonan Realty Inc., 135 E. Ave., Lockport, NY 14094. 716-433-6788. Jim Noonan, Broker.

York Co. Rent nice 4 bdr. house on horse ranch. Near Safe Harbor Dam. $800 month. Also availbale large barn and 17 acre pasture. 215-583-8115.

BATAVIA, NEW YORK: 390 acre dairy, horse, beef or recreational. 320 acres tillable. High quality gravel soil. 3 ponds, 2 gravel pits. 4,460 ft. road frontage. 125 acres hay, 5BR Colonial home, 40x162-80 stanchion barn, gutter cleaner, plus 20x40 feed room and 44x140 metal free stall barn w/65 tie stalls, 3 silos. $600,000. McKnight-Hogan & Noonan Realty Inc., 716-433-6788. Jim Noonan, Broker.

BLACKSTONE, VA. 300 acres open land all in grass, 4 ponds, restored farmhouse necessary outbuildings, owner will finance. 804-292-4234 after 6 p.m.

COZY year-round 3BR, 2bath ranch-style on 3mile bay of Lake Ontario. Excellent for boating and fishing. For information: 315/649-2227

DAIRY FARM FOR SALE: 244 acres, limestone soil. Franklin Co. 717-263-9521

FOR RENT: Dairy Farm, 34 stantions, 2 silos, 20 acres hay, 5 pasture, equipment shed, 2 corn cribs, owner has some hay in barn and corn in field. No house, but can put trailer on or owner will. $375. per month. Long term lease. Northumberland Co. 609-767-0444.

For Sale: 70+ acre farm, about 40 tillable acres, strong spring, excellent hunting, Southern Columbia Co. $1,350/acre. No calls taken after 6 p.m. No realtors. 717-799-5703

For Sale: Business Bld. 6,000sq.ft. insulated cement floors w/house. Also, rental apt. 814/326-4440

For Sale: For the dairyman or general farm operator. A top 220 acre farm, 6 mi. west of Cortland, NY (Tompkins Co.). Presently a free stall dairy. Some of the best land available. Good 10 room house, pool, out-buildings, gravel on property. Lots of frontage. Close to lakes. Owner asks $275,000. Possible terms, cattle and mach. available too. 607-838-3318 eves. after 8.

For Sale: Farm Tioga Co. App. 280 acres w/barns and house. 814/326-4471

JEFFERSON COUNTY-Western Pennsylvania. Adjoining farms, 103+ & 120+ acres, Operating dairy farm. Equipment & cattle negotiable. Call Sarvey Real Estate (814)266-6333 or (814)849-5161.

JUNIATA COUNTY
9 Acres of level fertile land ideal for a truck farm. $35,000. 84 Acre farm with good 4 bdr. house, bank barn and out buildings. Near Richfield. Good soil, stream. $178,000. ERA/ Bashore Real Estate 717-436-2151.

LEASE Columbia County, NY, Dairy Farm, 55 tie stalls w/milking parlor. 2 silos, outbuildings, 300A land w/180 tillable. Large 4BR house and mobile home. Crops will be available. Available Sept/Oct 1989. (518)325-6011

Loysville, Perry County, 2 to 10 acre wooded lots, perked and approved. 717-438-3115.

LYCOMING CO., PENNSYLVANIA, modern dairy operation now milking 150 cows with lots of space for young stock. Four Harvestore silos, computer feeders, all automatic equipment, double 8 Herringbone parlor, gravity- flow lagoon, 370 to over 500 acres of prime level land in high state of cultivation with 5 homes-- all land joining. Call Jones Real Estate. 717/546-2276 or agent Don Jarrett 717/547-2372

Lycoming Co., 109 ½ acres hidaway with 2 bdr. cabin, 61x22', excellent deer and turkey hunting, stocked pond (70x140), goes as is, including contents, old Jeep, riding mower, $124,900. Call 717-326-2394.

Must sell small dairy farm. 55 acres, 35 tillable, 20 wooded/pasture. 6 room dwelling, log and weatyhert board. 2600' frontage on macadam road. Milking and loafing barn. Cattle and machinery an option. Additional 100 acres farm land w/wonderful knolls on which to build homes. Franklin Realty, ask for Bernie. (717)267-3222.

NIAGRA COUNTY- 78 acres, 812ft. frontage, 3+ BR home, 19acres of woods, 30'x45' barn, plus equipment and workshop buildings. $79,900. Also 267 acres non-working dairy farm, bulk tank, stave silo, grain bins, bunk silo, shop building, pole barn addition, 4800' frontage, 3 BR farmhouse, $195,000 plus adjoining 4 BR home, 40x60 metal pole barn, 20 acres, $74,900. Jim Noonan, Broker, McKnight-Hogan & Noonan Realty Inc. 716/433-6788

Dairy barn and stone farm house for rent. Berks Co., PA. Room for 40 dairy cows, sealed and conventional silos, modern Surge type lines, refurbished house with all modern conveniences. Call 215-683-7198.

Dairy Farm For Rent, 250A, silo, stanchions, pipeline, 800 gallon bulk tank, loafing shed, heifer barn, house. Bedford Co. 814-784-5538

Dear Mr. Farmer: Please sell me an acre or so that I can build my future wife her dream home. Please, it will be appreciated so much. Prefer it to be a little South of Lancaster, near the Willow Street, or the Buck area. Will consider others nearby. Reply to: Fred W. Moudy, 124 Pike Ave., Johnstown, Pa. 15904.

FARMS WANTED
DAIRY, FRUIT, GRAIN, GENERAL. Western New York, Finger Lakes Farm Brokerage over 40 years. Jim Noonan, McKnight-Hogan & Noonan Realty Inc., 135 E. Ave., Lockport, NY 14094. 716-433-6788.

Farm wanted, south ½ of USA between Califrnia and Georgia, cheap. Lloyd Potter, RD#1, Box420C, Southard Ave., Farmingdale, NJ 07727.

Dairy Farm For Rent
65 Stanchion Barn, 3 Silos, Barns, 5 BR House, 300 Acres, 180 Tillable In Cortland, NY
Call
(201) 463-0784

Wanted To Rent
Farm In Lancaster Co.
(717) 393-7436

CABIN FOR RENT
Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters $150/Weekly
717-658-9555

80 ACRE FARM FOR SALE
In Southern York Co. 60 acres tillable, 2 story frame house, bank barn and large cement block garage. Pasture with stream fed from spring on property. This property adjacent to Int. 83 midway between Exits 2 and 3 with frontage on both sides of paved state maintained road.
717-244-4168

107 acre farm in Manor Township, 3 dwellings and 5 barns.
(717) 872-8921
(717) 352-7742

WANTED
Farms
Lancaster & Surrounding Counties.
Call
717-653-5552
Ask For Howard Boyd

WANT TO PURCHASE
Farms In Lancaster Co.
717-393-0646
Ask For Dave Skidmore

INVESTORS DREAM
Central Pennsylvania
7 Points Raystown Lake
MULTI USE LAND AUCTION
AUGUST 19, 1989
108 ACRES PLUS LOG HOUSE
Call 814-643-1617 or 643-2480
Reserve right to reject bids.

TIOGA COUNTY
21 ACRE FARMETTE
3 bdr. country home, 2 story barn with outbuildings. Small stream and pond. Walk to excellent hunting.
$64,000.
By owner.
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RENT SOUTHERN LANCASTER COUNTY
86 Stall Stanchion Barn with pipeline and automatic feeder. Farm land also available. 70 acres of tillable ground to rent. Reply to
Box D-4, c/o Lancaster Farming
P.O. Box 609, Ephrata, PA 17522
717/529-2051

ADAMS COUNTY CASH FLOW FARM
103 acre modernized Turkey Farm, 80 acres tillable, stone farm house, and much more. $500,000.
Call
717/757-9487

FARM FOR SALE
391 acres. 243 acres in crops, 148 acres woodland. Located in Beaver Township, Columbia Co. Good quality modern 4 bedroom 1½ bath stone home. Large frame bank barn, modern 30x40 steel implement building & various other outbuildings. 6 spring fed irrigation ponds. Currently raising feed crops.
SCHUYLKILL ASSOCIATES
717-622-6001

WANTED TO RENT
Farm for small dairy or produce, pig, livestock. Approx. 15-50 acres, could be mountain type farm w/poor soil. Will make repairs, could buy later. Pay rent according to condition & area. Consider any size, in any area. Prefer South Central PA.
717-766-4881

STEWART REALTORS
47 W. Pomfret St.
Carlisle, PA 17013
Looking for an opportunity to establish a bed and breakfast or antique business? 198 acre farm or 18 acre farmette with a stately colonial restored house. Grounds are beautifully landscaped and located close to 2 colleges and the historical areas of Central Pa.
Ticket to paradise! Well-kept brick farm house, 5 acres, bank barn and only $99,900. More acreage available.
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RARE OPPORTUNITY

Established ground cover business. Situated on 1.75 acres of land. Zoned R-3 Multiple family. Greenhouses and all related equipment included in sale. Large 4 bdr. house with 1½ baths and a large family room with fireplace.

THEODORE B. PYLE
100 E. State St.
Quarryville, PA 17566
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SCHUYLKILL CO.

109 acres, Ringtown, Pa. w/stream, 14 yr. old 4 bedroom home, large shed. $179,500.

16½ commercial acres at $8,000 per acre. Route 61 near Interstate 81.

Lake Wynonah beautiful lot. $4,950. Has central water.

Lake Wynonah, (3) waterfront homes from $121,000 to $295,000.

CRESSWELL
717-874-0147

143 ACRE FARM in Northern Tioga County offers many possibilities for development or subdivision. Beautiful 10 room house with 6 bdrms, 1½ baths, a grand open stairway and all natural woodwork. There's 2 barns and other outbuildings, spring water, nice views and lots of road frontage. A real buy @ $135,400.

SMALL BUSINESS - 4 BDRM HOME COMBINATION located on Route 6 midway between Mansfield and Wellsboro. Presently operating as lawnmower sales and service w/over 2100 sq. ft. of showroom and work area. 4 bdrm. ranch home offers 1400 sq. ft. of living space not including the full semi-bsmt. All parts and inventory included @ $105,000.

IMPRESSIVE VICTORIAN - 6 bdrm. home in Wellsboro has great potential for Bed & Breakfast or plenty of room for large family. Over 3400 sq. ft., 2½ baths, beautiful wide and open stairway. Located on a large corner lot with an in-ground pool. $130,000.

DELIGHTFUL RANCH STYLE HOME in a planned rural development 7 miles from Wellsboro. 3-4 bdrms, 1¾ baths, completely finished bsmt. w/family rm. and game rm., central vac, an oversized 2 car garage and a nice view for only $78,500.

1,000+/- ACRES of woodland with ¾ mile frontage on Lycoming Creek and adjoining 1000 acres of State Forest Lands. Building sites, pond site and excellent hunting with log road throughout. Owners willing to lease hunting rights separately. $395,000.

REAL ESTATE
DUNN

11 Central Avenue
P.O. Box 15
Wellsboro, PA 16901
(717) 724-3232

FOR SALE

2-story log home next to state lands, stone fireplace, cathedral ceiling, 4 bedrooms, 2 baths. Tioga County. Asking $80,000.

(717) 724-7182

Emerson & Co., Realtors

Commercial - Industrial Division
107 S. State St.
Dover, DE 19901

SALE

42 acres zoned agriculture w/5 acres zoned for elevator grain storage. 40,000 bushel storage on site, 50' truck scale. Office building, warehouse, machine/repair shop & home. Fertilizer bays.

Qualified buyers contact:
GEORGE H. CHABBOTT
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FORMER "FARM MACHINERY SALES FACILITY"

In the village of Bethel, Berks Co., Penna. $133,000.

40x86 shop building with 28x40 shop addition, other buildings include a garage and 2½ story home all situate on a lot 108x200.
Call Dan Light 717-865-4541

SUBURBAN REALTY
30 W. Main St., Annville, PA 17003
Phone 717-273-9358
717-867-5221 717-867-4487

Tioga Co. Poultry Farm

Excellent poultry farm in full operation with 25,000 bird capacity.

40x300 ft. barn with another four story barn 40x64 that's empty at present time. There is 66 acres with 12 acres wooded. Nice modern 4 bedroom home. Very neat & well maintained farm. With a few minor changes could make excellent veal operation.

Call for more details. Price $185,000

Endless Mt. Real Estate
RD #1 Box 203-A
Covington, Pa. 16917
717-659-5684

150 Acre Farm with 2½ story brick home, 6 fireplaces, completely remodeled, level to sloping land, approx. 6,000' of road frontage, at Rt. 150 Mill Hall, Clinton Co., for more information call **Horning Farm Agency, Inc.**
215-286-5183

FARM FOR SALE

Eastern Shore of Maryland

287 Acres, Kent Co., Md. 213 acres tillable. Grain farm, Ponds and stream. Hunting. $875,000.

162 Acres, Cecil Co., Md. old dairy operation, 150 tillable, pond and manor house, $850,000.

233 Acres, Kent Co., Md. Grain farm, 217 tillable, $867,925.

ERA/KENT CREEK REAL ESTATE
Galena, MD
301-648-5656

FOR SALE BY OWNERS

Bradford Co. - 225 Acre Dairy Farm, 130 tillable. Barn has 95 tie stalls and 1 box stall. 64 stalls on the pipeline, 31 heifer stalls, 16x60 & 20x60 silos w/unloaders, 880 gal. bulk tank w/heat reclaimer & automatic washer. Good 4 BR home. Excellent hunting area!

717/297-3491

NEW YORK STATE DAIRY FARM

Northwest of Penn Yan. 730 acres, 500 tillable, tiles & ditched, main facilities 80x226, 200 free stalls, 3 Harvestore Storage, Slurry Storage, workshop 56x115, extra barns, silos, 4 well-maintained houses, 1 mobile. Call Barb Trautman, Salesperson. 717/554-6943.

Carole Mack Realty
315/536-7474

DAIRY OF DISTINCTION

455 acre stocker & equipped dairy operation w/3 houses. Has excellent barns, tool sheds & silos. Includes 210 total head of cattle & all machinery. Located in Lewis Co. - Northern NY, one of the States finest agricultural areas. For free brochure and more information, or inspection appointment, call

Century 21 Erb Agency
Loweville, NY 13367
(315) 376-7059

Farm - 175 acres, 100 tillable, 30 wooded, balance pasture, 3 barns, 7 bedroom house, near Tyrone in Schuyler Co. Comes with farm tractor & equipment. $110,000.

Near Addison, in Stuben Co. 380 acres. 200 tillable, balance woods & pasture. 2 barns, silo, 5 BR house, all in good condition. Now being used for dairy farm. Tillable acres level to slightly rolling. Very private! Creek. $175,000.

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141 Chestnut St.
Corning, New York 14830
607-937-5637

PENNA FARMS

FRANKLIN CO.

108 Acres General Farm. w/bank barn, 70 crop acres, 25 wooded, 12 pasture, road frontage, stream, restored log 2 story dwelling w/L&S Stone exterior. PRICE ADJUSTED.

Buyers for farms 50 acres to 250 acres with or without buildings. General or dairy complexes. If you are thinking of making a change, give us a call for a free evaluation of your property. Call the Farm Professionals.

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
Wilbur L. Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the July 29 or August 26 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

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State College, PA 16801
(814) 234-4000

Smith & Associates Real Estate Better Homes and Gardens®

MERCERSBURG, PA

25 AC. FARMETTE - Beautiful country setting, stone farmhouse, needs restoring, Butler barn, woods, peaceful setting, owner financing for qualified buyer. Rare Find! Ask for Judy. **Make An Offer - $179,900**

85 AC. FARM, 8 rm. house, bank barn in good condition, short lane, limestone soil, frontage on 3 roads, nice views. Ask for Pat.

Office 717-328-3133
Sales Assoc. Pat Musser -
717-328-3919
Sales Assoc. Judy Keefer
717-328-9219

PRIVATE GENTLEMAN'S RETREAT

Prestigous log home on 18 wooded acres. This beautiful log home features 3,000 square feet of living area, custom oak kitchen, 5 bedrooms, balcony overlooking family room, geo-thermal heating system, completely private wooded setting with stream, circular driveway and less than 1 mile from the Appalachian Trail. Enjoy nature at its best in the total solitude of this beautiful estate!...$350,000.

Many other farms available.

new pennsylvania realty, inc.

Gary Coles, Farm Broker & Appraiser
717-386-5000 or 215-398-2559
Box 123, Rt. 1, New Ringgold, PA 17960

GENTLEMANS FARM

You found it! 60 acres of character; woodland, a creek and rolling Lancaster County farmland all wrapped up in a package including a beautiful totally restored stone farm house with copper spouting and cedar siding plus much much more for only $325,000. Call 717-786-2131 today.

FARM/INVESTMENT/DEVELOPMENT

Excellent buildings on this 101 acre level to gently rolling Chester County dairy farm. Water and sewer are nearby and the land is already zoned for 1 dwelling per 2 acres. Frontage on two roads-reasonably priced. Call 717-464-4700 and ask for Don or Dick, Realtors.

87 ACRES IN LANCASTER COUNTY

2 stream, some woodland and approx. 50 acres of tillable Chester and Manor slit loam soils make this the perfect place for your dairy facilities right here in the heart of fertile Lancaster County. $295,000. Call 717-786-2131.

MULTI-FAMILY OPERATION IN SERENE SETTING

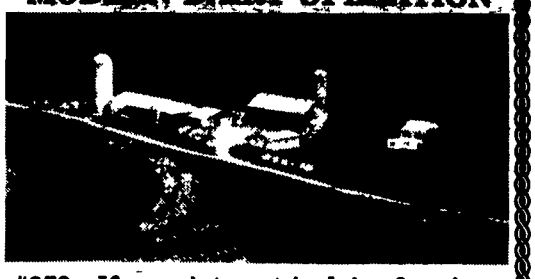
256 acres available with this dairy farm. Three different sets of farm buildings and homes. Prime Chester loam soil, level to rolling, milking parlor, 5 silos, 30x40 shop, 40x60 original barn with large additions, stationary feed mixer and more. Buildings in excellent condition and all in Southern Lancaster County. Call 717-786-2131.

PROFITABLE HOG FARM

This modern 160 sow nursery house produces a good profitable business. New 166,000 gallon manure tank, 4 feed bins, 30x108 farrowing barn and 40x28 tobacco shed. Mostly level with approx. 1050 ft. of road frontage. Small pond on the 6.6 acres with 3 acres tillable. Large 5 bedroom frame house with 2 baths. $195,000. Call 717-464-4700.

Century 21 AMERICAN HERITAGE
717-786-2131
717-464-4700
717-299-2101
717-627-1121
717-738-3766

MODERN DAIRY OPERATION



#272 - If your interest is dairy farming, please don't miss the opportunity to purchase this excellent working farm. It consists of 102 acres with the possibility of leasing an additional 300 acres from an adjoining farm. The 2 story farmhouse is updated with modern kitchen and bath and features 4 bedrooms. Various outbuildings and machinery sheds round out the efficient operation of the automatic computerized feeding system. Double 4 low line milking parlor. Conveniently located west of York one mile off of Route 30. $369,900. Call The Homestead Group of York, Inc. at (717) 757-5646 for more details.

THE Homestead Group OF YORK INC. REALTOR

MLS REALTOR

EQUAL HOUSING OPPORTUNITY

2200 E. Market St., York, Pa. 17402

717-757-5646

Dairy Farm, 282 acres, 190 tillable, 2 houses - (1) brick & (1) stucco, 2 bank barns, dairy barn 120'x36, 2 silos 24x69 & 24x72, ¾ mile stream runs along farm, 2 miles East of Mercersburg, 8 miles West of Greencastle on Findley Rd.

717-328-3940

TIOGA COUNTY

Excellent farmette on 11.9 acres, mostly open with 2 sty bank barn, partially remodeled house w/4 bdrms, 2 baths, new kitchen, all in good condition. Asking $64,000 #979

85 ac. operating dairy farm, 111 tie stalls, pipeline, 1000 gal. bulk tank, barn cleaner, 3 silos, heifer facilities, outbldgs, stocked pond, 6 bdrm house, LR, DR, kit, etc. Possible lease land available. Asking $155,000 #1011.

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sleeps 15, 2 baths, shower, all utilities incl.
$250 per week

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Snyder County

20.5 Acre Farmette 2½ story, 3 BR log home, remodeled 1987. 40x80 hip roof farm & other buildings. Mt. stream on property. $150,000

13.64 Acre Farmette 2½ story 8 yr. old 3 BR home, bank barn & 32x72' tobacco barn, very private! $135,000.

143 Acre, 116 acres tillable, 2½ story home, bank barn, outbuildings, creek on property.

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Price Reduction
180 Acre Farm in Monroe Township, Bedford Co. House and wagonshed, near State Game Land $110,000.
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or 814-652-2957

DONEGAL FARM

Over 100 acres of choice farmland (92 tillable and 16 pasture), 2 miles west of Maytown, Lancaster Co. Includes a 60x92 bank barn to service over 100 steers, 2 chicken houses for 80,000 pullets. A modern hog finishing unit for 600 hogs, a 36x96 tobacco shed and 30x60 corn shed. The historic brick farmhouse has been tastefully remodeled and has 3400 sq. ft. of living area. **Call Stan Huber for a private showing.**

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280 Acres, price reduced $60,000. Complete hog set-up, large ranch home with fireplaces and attached garage. Cash or contract.

240 Acres, good set of buildings, grain storage, good contract.

320 Acres, next to above farm unimproved, some in CRP's and some pasture.

140 Acres near above farm with large 4 bdr. ranch home, double attached garage, other buildings. Cash.

168 Acres good set of buildings some pasture. Cash or Contract.

425 Acres, extra good set of buildings for cattle and hogs, lots of grain storage.

240 Acres with extra good home. Cash or contract.

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Evenings (515) 732-4818

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91 ACRE BEEF - BERKS CO.
200 ACRE GENERAL - PERRY CO.
10 ACRE FARMETTE - BERKS CO.
210 ACRE DAIRY - PERRY CO.
42 ACRE LAND - BERKS CO.
106 ACRE DAIRY - BERKS CO.
66 ACRE LAND - BERKS CO.
25 ACRE HORSE SET-UP - LEB. CO.
115 ACRE DAIRY - BERKS CO.
139 ACRE FARM - DAUPHIN CO.

127 ACRE LAND - LEB. CO. - AUCTION
AUGUST 31, 1989 1:00 P.M.
INFORMATION AVAILABLE IN OUR BOOTH
AT AG PROGRESS DAYS

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FAX #717-274-3953

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BEAUTIFUL FINGER LAKES AREA

GENERAL FARM, 164 acres, 124 ac. til, 25 ac. pasture, 15 ac. forest, creek, main barn w/stanchions, L-shaped pole barn, silos, straw barn, machine shed, tool shed, 2 story home, 7 rms, 3 bdrms, eat-in-kit, liv. rm, din. rm, front & rear porch, inspiring view, $109,000. #2868. Property can be divided, terms.

206 ACRE CATTLE FARM, 90 ac. til., 45 ac. forest, 45 ac. pasture, lively creek, springs, 30x70 main barn, w/removable box stalls, 40x60 basement barn w/loafing area, 20x50 metal machine barn, also 36x300 chicken barn, feed bin, 2 story carriage barn, 3 bdrm cape cod, updated, 88 head beef cattle & machinery incl'd. $200,000. #2877.

SENECA LAKE VIEW, Dairy/Beef farm, 275 acres, 184 ac. til., 90 ac. pasture, stream, pond, large main barn w/chain cleaner, 75 cow tie, heifer barn & dry cow barn w/front feed bunk & automatic ensilage feeder from silos, hay/storage barn, horse barn, 4 silos, 2 Harvestores & 2 stave all w/unloaders, ranch home, 4 bdrms, 1½ baths, liv rm. w/fireplace, eat-in-kit w/builtins, attached garage, also 14x60 mobile home. $275,000. #2937.

FARMETTE 25.5 ac., 11 ac. forest, pond, barns, 24x40 & 30x60, storage bldg., split level home, 4 bdrms. 1½ baths, eat-in-kit w/lunch counter, dining area w/sliding glass doors leading to deck overlooking inground pool, large liv. rm, family rm., den, scenic area, view. $115,000 #2954

RANCH HOME AND 5 ACRES, 3 bdrm home, eat-in-kit w/din area, liv. rm, large family rm w/view, 2 Morton buildings, 40x40 and 36x40 one w/water & electric. $70,000. #2918 terms possible.

ACREAGE 65 acres 40 til., 15 pasture, 10 forest, ponds, springs, $40,000. #2948

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HAVE IT YOUR WAY

Owner will subdivide to suit your needs, plus provide financing to qualified buyer. Beautiful, well maintained brick rancher with 2 car garage & bank barn 5 to 105 acres or more, stream and pond. Lots available also. Call Shelly Ott. Home 717-530-5522.

105 ACRE DAIRY FARM in Franklin Co., 70 ac. tillable. 45 free stalls, 16 milking stalls. Located in good soil area for hay & grain. Call Ed Reasner to see this farm now. Won't last long. Home 717-532-2443.

100 ACRE FARM, Franklin Co., PA. near I-81 over 4,000 ft. road frontage. Potential for subdividing. Soils are limestone and Murrill. 13 room brick dwelling, excellent condition. Ask for Phyllis. Home 717-261-0343.

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LANCASTER COUNTY

96 acre dairy farm, Duffield soil, large stone and brick dwelling stream and pasture, 3 silos, nice setting.

1132 acre dairy farm w/600 tillable acres, nearly level, 300 free stalls, 7 big blue silos and large trench. Two good dwellings barn sizes equal 40x600, 50x270, 50x200, 3,000 Gal. milk tank. Super good income from gas wells!!!

220 acre dairy w/130 free stalls, 3 blue silos, 3 concrete silos. Two bank barns and 3 dwellings all in good shape. Possible turnkey operation-start those milk checks coming tomorrow.

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Your Central PA Farm Broker
Smoketown, PA
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100 ACRE DAIRY, BEEF or HORSE FARM

FRANKLIN CO. PA - 60 MI. WEST OF HARRISBURG - 35 MI. NORTH OF CHAMBERSBURG 50 acres tillable, balance pasture & woodland w/some good oak timber, cement block round roof bank barn w/16 tie stalls, pipeline, milker units, bulk tank, trench silo, just new open front cattle shed, 2 story frame dwelling w/3 bedrooms, formal dining room, living room, modern kitchen, large laundry-mud room combination, extensive remodeling, property very secluded w/a deadend Twp. road ending at buildings "NO TRAFFIC", a guess of 3000 feet of nice stream frontage, additional 50 acres of good tillable contoured land for lease. This farm has an unusual setting and must be inspected to appreciate. For more information or brochure, contact

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Schuylkill County

PEAR & APPLE ORCHARD - Complete liquidation, fully equipped, all lands, buildings, machinery, packing lines, controlled environment storage facility, irrigation system, shop equipment.

REAL ESTATE CONSITS OF: 98 acres in Washington Township, Schuylkill County. Improvements erected being a 50'x80' controlled environment fruit storage facility with 22' high ceilings, 40'x60' packing house with complete packing line fully equipped with Hydrodumper, 9 size pack line, dryer and waxer. Eden Hill is one of the few orchards in the Eastern United States which tray packs fruit. The **second floor of the packing hosue** has a modern 2 bedroom apartment, living quarters and office. The remainder of the second floor is used for container storage. Other facilities include a 26'x75' cement block implement storage building, tenant cottage, 7,200 gallon water tank used to fill sprayers. The irrigation system is fed from a 5 acre irrigation dam, traveling tower, Deutz air cooled diesel with 800 gpm Marlow pump, High Head water pump, 1½ miles of pipe.

The commercial orchard consists of 41 acres of pear trees, 30 acres of Star Crimson Red Delicious apple trees, 13 acres of young Star Crimsom apple trees, 20 acres of woodland.

EQUIPMENT INCLUDES: MF-390 4 WD with loader, Oliver diesel crawler, White diesel 4WD, 500 gallon Bean 477 sprayer, 300 gallon FMC sprayer, Herbicide 100 gallon sprayer, spring tooth harrow, International 30,000 gross truck, Girette trump picking rig, (red), Alled travel tower, Twin picking booms, Oliver forklift, Clark forklift, orchard cycle, Lely fertilizer spreader, snow blower, back blade, rollamulcher (2), 7½ ' mower, 5' mower, Woods 9½ ' mower, John Deere sickle bar, irrigation tower with volume gun, utility trailer, hay wagon, van body 16' (fits International truck), Quincy air compressor, 4 hydraulic pruning guns, 4 pneumatic pruning guns, air pruning saw, hydraulic pruning saw, hi pressure cleaning rig, drill press, electric welder, acetylene outfit with torches, Westinghouse air compressor, Bostitch air stapler, Binks paint spraying rig, 500 bushel crates, 694 bulk bins (25 bu), approximately 75 picking bags, approximately 40 picking ladders, packaging supplies, post hole digger, tools, equipment, furniture, appliances, FMC pack line (9 sizes, waxer, dryer, hydrodumper), Pitmen travel tower (picking rig).

PRICE OF THIS ENTIRE OPERATION: $385,000.00

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FARM - Snyder & Juniata County

Quiet country living in Richfield. Well maintained home, 3 BR, 1½ baths, FR/Country Kitchen combination with wood burner, formal DR and den, LR. Large barn and several outbuildings, streams crossing the land. Some 72 acres of land ideal for farming or cattle. Priced at $199,000.00.

Call Clara 717-743-1975

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Near Seneca Co. 150 acre dairy farm 40x100 bank barn, with milk house and bulk tank - 40x60 heifer barn, 60x60 machinery barn, 3 silos with unloaders, 11 room house. Cattle and machinery are available. $195,000.

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Lebanon Co.
68,500 broiler operation with Pennfield contract, both bldgs. are less than 2 yrs. old. Farm for 80 steers, high moisture & silage bunk silos. Very modern 3 bedroom, 2 bath home. Everything is in excellent condition and there are 42 level acres of Bennington soil. Farm land is well priced at $453,500. Call Sandy Leaman.

Columbia Co.
100 acre, 52 stanchion modern dairy farm. Harvestore silo with bunk feeder and large feed lot. Implement & machine shops, alum. sided farm house with 4 bedrooms and modern kitchen. This farm is priced for a quick sale at $265,000. Major road frontage, move this spring or next fall. Call Sanford Leaman for more information.

Huntingdon Co.- Dairy Farm Family Special
Large free stall dairy farm presently milking 90 and averaging in excess of 21,000 lbs. There is 270 Ac. total, 100 Ac. pasture and woodland. Balance is very excellent alfalfa and corn farmland. Two homes in excellent condition, rentable land as well to make this a fine family operation. Call Sandy Leaman. $450,000.

We Now Have A FAX Machine And Can Receive Messages At 1-717-569-4218.

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Fred Clark- Tioga, Bradford, Lycoming, Snyder and Union Counties.
Milton Huber- Lancaster, York, Cumberland, Franklin and Perry Counties.
Sandy Leaman- Lancaster County and Any Other County.
Edwin L. Steach- Huntingdon, Bedford, Cumberland and Franklin Counties.

In The Heart Of The Endless Mts. In Bradford Co. For Sale By Owner

333 acre farm, 138 tillable, 144 acres pasture, 60 acres woodland.

Modern 102 stall free stall barn with double six herringbone DeLaval milking parlor with automatic take off. Computerized feeding, 2500 gal. bulk tank.

Free stall heifer barn adjoining main barn. Total capacity to hold 275 head. Barn built in 1981. Six silos, separate hay barn. Machinery shed, shop and outbuildings. Additional land available.

Modern 10 room main farm house, electric and wood heat. Wall to wall carpeting throughout. Modern kitchen.

8 room tenant house in good condition with heifer barn and silo.

Priced to sell.

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FARM & RURAL PROPERTY DIVISION

Look Us Up At Ag Progress Days, August 15-17. Midway Between East 3rd & East 5th Along Main St.

CENTRAL PENNSYLVANIA FARMS AND FARMETTES

CENTRE COUNTY

#3512FA - GENTLEMAN FARM BLANCHAD $169,500
* 57 Acres (36 acres tillable, 6 acres pasture, 11.5 acres woodland, 3.5 acres site & miscellaneous)
* Very nice, well-maintained 2½ story house, sound bank barn, large garage-shed workshop, and several small outbuildings
* Excellent stream frontage on Bald Eagle Creek, near the Bald Eagle State Park, highly productive, tillable land.

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $269,500
* 11 Acres - 9 Acres highly productive, tillable plus 2 acres site.
* 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn.
* Ideal for horses, only 3 miles from town. Additional 15 acres of tillable land available

#3565FA DAIRY OR GENERAL FARM, PENNS VALLEY $310,000
* Approx. 143 acres (123 tillable, 13 pasture, 7 site, roads & miscellaneous)
* Well maintained buildings, including: 2½ story house, bank barn w/31 tie stalls, milk house with bulk tank, SOLD ation, hog & chicken facility, 14'x32' silo with unloader, implement shed, shop & miscellaneous outbuildings.
* This farm has a small stream productive limestone land and outstanding views from some of the tillable acreage. Situated 2 mi east of Aaronsburg.

HUNTINGDON COUNTY

NEW LISTING - #3621FA - GENERAL FARM, WARRIORS MARK AREA $349,500
* Approx. 371 acres (131 acres tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres woodland & misc.)
* 2½ story house w/most rooms remodeled.
* Soils on tillable land are primarily Hublersburg silt loam & Morrison sandy loam. 218 acres of woodland suitable for clearing & farming are mostly Hublersburg silt loam, 2-8% slope. Hublersburg & Morrison both have excellent productivity potential.
* #134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45.6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#3493 FA GENERAL VEGETABLE OR DAIRY RIVER BOTTOM FARM - WILLIAMSPORT - $195,000
* Approx. 112 Acres (91 acres tillable, 16 acres pasture. 7 acres site & miscellaneous)
* 2½ story frame house, barn w/milking parlor, free stall barn 2-20x60 & 2-20x30 Harvestore silos 42'x96' implement shed w/shop area. 40'x60' retail sales building.
* Highly productive, river-bottom land, Susquehanna river frontage for irrigation. Additional 60-70 acres of river-bottom tillable land available for rent, available with farmette below.

#3493 FA FARMETTE, WILLIAMSPORT AREA - $87,500
* Approx. 10 acres (7 acres tillable, 3 acres site)
* Comfortable 2½ story brick farmhouse, 2 story bank barn, garage, 20'x50' Harvestore silo
* Situated in a rural area close to Williamsport

MIFFLIN COUNTY

#2383 FC - RECREATIONAL - CABIN - NEW LANCASTER VALLEY - $72,000
* 21.93 Acre tract, approx. 5 acres tillable, balance wooded, joins state land.
* Structures include a 24½ ' diameter cord wood cabin and a 24'x44' double wide home.
* Near Reeds Gap State Park, public road access. Double wide home with 1.62 acres available separately for $27,500.

CLEARSPRING MARYLAND
Farmette For Sale By Owners

3 miles to I-70 10 acres +/-. 4 bedroom brick home plus summer kitchen. Excellent over-sized bank barn. 1,000 ft. +/- road frontage. Ideal for horses or beef $169,000.

Contact
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MLS

171 ACRE FARM

Bordering three roads in Columbia Township, Bradford County. Former Dairy Barn now suitable for Heifers, Beef, Horses, etc. Rolled on roof with lots of hay storage capacity. 4 bedroom older farm house. Mix of tillable, pasture and woods. Subdivision potential. Just $109,900 #M-523

STEUBEN COUNTY NY

General purpose farm w/nine room farmhouse. Ideal for hay or beef operation. Barn bank out back for hay up and animals down. Beef operation, machine shop and equipment shed w/another barn for equipment down and hay up across road. Centrally located to commute in several directions. Less than 15 minutes to Bath or Corning. Investment and subdivision potential. $112,000. #M-487

I NEED A DAIRY MAN!

For this top of the line dairy farm. 100 head tie stall, drive through overhead storage pipeline milking system. 100 head heifer and dry cow feeder barn. Several silos. Home is now in the finishing stages of remodeling. 170± acres. Very close to Canyon Country, Wellsboro. Listed at $299,000. #M-431

DAIRY FARM - IMMEDIATE POSSESSION

Between Elmira & Corning, NY. Very close to PA line. 1½ story partially remodeled farm house. Older double 6 milking parlor with free stall barn for 74+ mature cows. Heifer barn, 3 concrete silos, milking equipment, 2 bulk tanks & silos unloading included. Approx. 62 acres. JUST $93,500. Or 201 acres with buildings and silos. JUST $156,000.

THE BACK 100

will excite you. An excellent tract for hunting & recreational use. As you cross over Catlin Hollow Creek flowing through the property you enter all the beauty of an enchanted forest. Just $66,900. M-510.

Dairy of Distinction Farm

#998 - Three generations made a good living while improving this farm. Located in the county that produces more milk than any county in New York State. 230 acres, 140 in alfalfa and corn; two good homes; two story 70 tie stall barn; silos; large machinery and shop building. Pleasant setting on paved road. Asking $299,000 or will sell with one house $248,000. Cattle and equipment available.

A Real Money Maker

#944 - Here is a good farm with real money making potential. Long growing season. 386 acres, 240 tillable, flat land, big fields, more land available. 90 cow tie stall barn, 2" pipeline, 4 silos, machinery building, 5 bdrm home. Buildings all on same side of road; paved road with little traffic. Priced very reasonable $220,000. Possible large assumable mortgage to qualified buyer.

New listings every week. Selling only farms.

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SECLUDED 10+ ACRES close to State w/55' mobile + deck. Septic & electric. $28,500 (W492)

QUIET NEIGHBORHOOD 3-4 BR home, new carpet throughout, vinyl siding, picnic pavillion w/gas FPL. $54,900 (W488)

88 ACRES open & wooded, gently rolling land. State lands & lakes closeby. $50,000 (W450)

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49 ACRES all woods to build home, camp or lodge. Great hunting, easily accessible. $49,000 (M318)

SECLUDED COMFORT in this mobile on 3 9 acs. Drilled well & septic, screened room. $25,000 (M333)

BORDERS STATE 112 acs. prime hunting, secluded, access to thousands of acs. of State Game lands. $77,500 (M335)

ERA Homestead Rlty.
Rt 15 S, Box 276
Mansfield, PA 16933
717/662-3287

2 LOTS NEAR COUNTRY CLUB w/split foyer ranch on one and mobile on other. Pool, 2 car garage. $79,500 (E124)

3.663 AC. LOT next to country club, w/elect. & gas avail. Would be excel. site for home. $9,500 (E126)

SECLUDED POTTER CO. ACRES 9.8 acs, level w/ some woods. Many possibilities. $13,500 (E127)

ERA-Homestead Rlty.
Main & Buffalo, Box 12
Elkland, PA 16920
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ERA **HOMESTEAD REALTY**

Mansfield 717-662-3287
Wellsboro 717-724-7161
Westfield 814-367-2222

Longacre

LYCOMING COUNTY

• 109 Acre Dairy Farm, 80 T., features beautiful 52 stall dairy barn, 2 box stalls, office, milk house w/600 gal. tank & pipeline, barncleaner, 16x60 silo, bank barn for heifers and dry cows, 36x48 machinery shed, wagon shed, 2½ story home w/large kitchen, 2 living rooms, 4BR, bath & laundry, also 14x70 mobile home w/2BR, 2 baths, kitchen, LR, DR. Spring stream in pasture and a great view, $225,000.

SCHUYLKILL COUNTY

• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

TIOGA COUNTY

• 186 Acre 100 T. Dairy Farm, balance pasture, 53 tie stall barn, box stalls, new [illegible] 0x50 horse barn w/ box and tie stalls, 3[illegible] 2 story 3/4 remodeled home w/3 BRs. [illegible] eat-in kitchen, DR, LR, office and laundry. Plenty of road frontage. $185,000.

SALES AGREEMENT

• 351 Acre dairy farm, 325 T., features large 2 story dairy barn, 230'x42' w/hay storage on 2nd floor, three 2 story homes all in good condition, 2 machinery sheds, 4 car garage, level land, $385,000.

• 98 Acre Dairy Farm, dairy bank barn w/Quonset laminated roof, plenty of storage space, 28 tie stalls & 4 large box stalls, 650 gal. bulk tank, sheds & garages. Ranch house with 2 BR's, office, large LR, DR, kitchen, basement with garage, 2,000' road frontage, $150,000.

BRADFORD COUNTY

• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 57 cow dairy barn & some box stalls, long fields, good soils, immediate occupancy. $325,000.

• 150 Acre, 132 T. Hog Farm w/feeder barn for finishing 1,000 hogs per year. Auto. watering, spraying & feeding system, 2 silos, 18x50 with unloader & 16x50. Patz barn cleaner, grain tank & feed room, bank barn w/hay & machinery storage. Beautiful ranch house features 4 BR's, 2½ baths, LR, DR, natural wood kitchen & full basement. 2nd house with large LR, DR, 3 BR's, bath, 1500' road frontage, $255,000.

• 325 Acre Dairy farm w/300 T. features 125 free stall barn with parlor, 3 silos, large machinery shed, computer feeding, dry cow & heifer barn, 3 BR ranch house, $325,000.

'20 Acre, more or less, 200 head veal calf operation, lock, stock & barrel, except for marketing calves. Very modern operation for any market. Sludge storage system, equipment with barn cleaner etc. A complete operation. Beautiful, 4 BR, 2-story frame house, very large. 1½ bath, LR, DR, den etc. $185,000.

• 320 Acre Dairy Farm, 220T, balanced pasture & woods, features large 2½ story home w/kitchen, LR, DR, laundry, 5 BR, 1½ baths, enclosed porches & more. 82 stall dairy barn w/pipeline milking systems, bulk tank, 3 silo's: 20x80, 20x75, 20x40 w/unloaders, heifer & dry cow barn, lg. 48x100 machinery shed, $395,000. Cattle and Machinery Available.

Eby builds strong bodies with a whole grain diet.

A steady diet of hauling grain requires a strong, rugged body that lasts load after load.

Rugged grain bodies from M. H Eby, Inc. are built like heavy dump trucks—sturdy post-and-sheet construction, strong welds, extra-heavy components for maximum durability.

Details on Eby grain bodies are designed for strength and convenience. Tie rails. Built-in steps. Mud flaps. Aerodynamic uprights. Top-quality hoists by Harsh for safe, regulated dumping.

Select what you need from our list of options. The list includes tarps, accessories, and a variety of styles of tailgates and sides. We build to your requirements, from 12′ to 24′. Livestock/grain combinations are also available.

Even More Grain To Haul

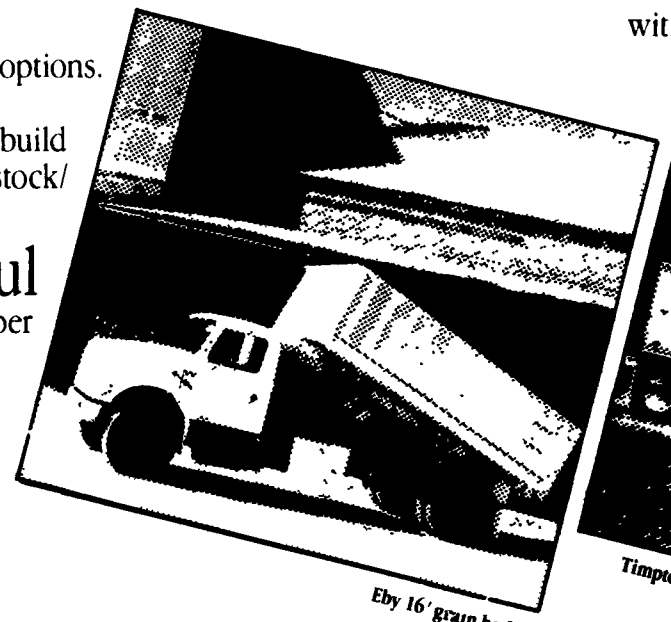
M. H. Eby sells and services the Timpte Super Hopper—a top quality grain hopper with outstanding features at a very affordable price.

Features include safety ladders, easy-operating hopper traps, undercoated side panels, high-performance Rockwell axles, aluminum rear frame, and a light weight, aerodynamic design to improve fuel economy.

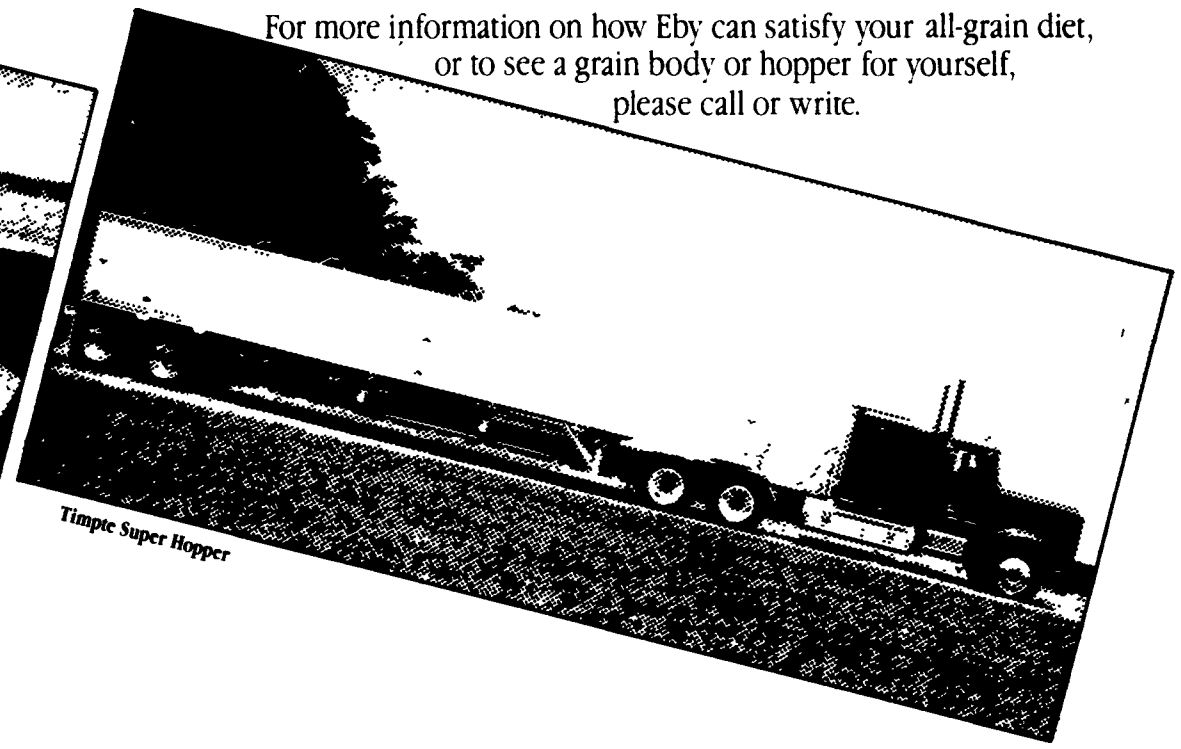
Timpte Super Hoppers are famous for reliable, long-life performance. The company backs each one with a three year warranty—three times longer than offered on other grain trailers.

The Super Hopper's durability, outstanding features, attractive appearance and easy maintenance insure a high resale value. You can't buy a trailer with a lower total cost.

For more information on how Eby can satisfy your all-grain diet, or to see a grain body or hopper for yourself, please call or write.



Eby 16′ grain body.



Timpte Super Hopper

M.H. Eby, Inc.

Route 23, Blue Ball, PA 17506
717/354-4971 800/292-4752

4435 State Route 29, West Jefferson, OH 43162
614/879-6901 800/292-4752

See an Eby grain body and a Super Hopper at Ag Progress Days in our lot on West 8th.

EBY MANUFACTURES TRAILERS AND BODIES CUSTOM-BUILT FOR ALL TYPES OF LIVESTOCK; GRAIN BODIES AND FLATBEDS. EBY DISTRIBUTES TIMPTE SUPER HOPPERS AND AMERICAN REFRIGERATED TRAILERS.

It isn't easy to sort the wheat from the chaf. At Atlantic, no sorting is necessary!

Here are samples from our bumper "wheat" crop:

8H1659 Prompt
+$247 +2,122M +77F +71P
42 Daus./36 Herds 76% REL

8H1464 Cleitus
+$183 +1,675M +55F +52P
40 Daus./39 Herds 78% REL

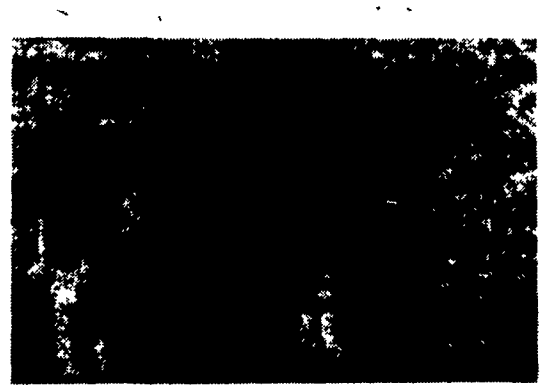
8H1651 Daylight
+$191 +1,657M +59F +55P
79 daus./65 Herds 84% REL

8H578 Dale
+$139 +985M +49F +37P
56 Daus./49 Herds 81% REL

8H1536 Trifecta
+$172 +1,634M +44F +59P
59 Daus./51 Herds 83% REL

8H1258 Starwar
+$162 +1,338M +55F +42P
2,365 Daus./1,243 Herds 99% REL

8H585 Outlook
+$184 +2,013M +52F +50P
58 Daus./52 Herds 81% REL



8H1555 Ringer
+$178 +1,182M +66F +44P
56 Daus./52 Herds 83% REL

8H1523 Bellitone
+$158 +1,386M +45F +50P
43 Daus./43 Herds 79% REL

The "wheat": (1) is always a graduate of an AI random sampling program; (2) has two USDA sire summaries before being released for service; and (3) is your best buy in AI.

Use Atlantic's lineup with confidence — they're 100% "wheat"!

(July/89 USDA sire summary data)

Stop and see us in the Dairy & Livestock tent at Ag Progress Days.

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1016 Dion forage wagon, 3 beater, roof, tandem axle, two years old, like new, $6,550. Franklin Co. 717-597-4485

110 IH Forage Wagon in good condition. W/ or w/out 7ton running gear. 301/357-8478

1209 and 1219 JD mower conditioners, 15A JD flail chopper, 60H JD silage blower. Call (301)476-3109 days or (301)476-3265 nights.

12' 6 way blade, fits 8440 or 8640 series John Deere Tractor. Lanc. Co. 717-871-9177.

1976, 6600 diesel, E.H.C., cab, air, kept inside, $6,300 spent on engine, immaculate, $11,600. Will Trade. Larry Stalter "The Combine Man". 1-800-248-2151

1981 Int. 1420, E.H.C., 820 header, super clean. Went to bigger combine. Can be seen cutting wheat, $32,800. IH 1460, 1140 hrs., kept in, immaculate, $33,800. 1-800-248-2151

1981 NH 2100, 1,100 hrs. on cutter head, 4x4, metal detector, 10', $62,000. Larry Stalter "The Chopper Man". 1-800-248-2151

1985 NH TR95 combine, hydrostatic, 4WD, 1400 hours, monitor, 6 row 30" head, 15' grain head, like new. $55,000. 301-898-7426.

1 AC 200 w/AC cab, major overhaul on engine, 18x4-38 wheels, nice. $6,995. (717)656-6109

IH 120 Silage Wagon with roof, shed kept, one owner. $2,000. 301-898-7426.

2200 Gal. Martin, tank only, liquid manure spreader. 3HP Wic electric straw chopper. Massey Harris 44, narrow front, hydraulics and power steering, no 3 Pt. 51' Cardinal 8" Grain Auger. 717-538-5521 or 1-800-232-DALE.

2294 Case tractor, front WD, cab, air, power shift, triple hydraulics, quick hitch, radial tires, 1800 hours, perfect condition, delivery available. (804)824-3169 after 7 p.m.

30 h.p. & 10 h.p. electric 3 phase motors, $150. for both. Also auto. 3 bushel dump scales, $100. All in good condition. 717-784-1779

32ft. Little Giant Grain & Bale Elevator, excellent condition. 717/859-2409

43x60 Platform Scales. Call 717-354-0301

4500 Gehl skid loader w/ Ford gas engine, nice dirt bucket, fair condition, $4,700.; 1978 Volvo F6, cab & chassis, good tires, fair condition, $2,100.; Wacker Tamper model #GVR151Y, good condition, $300. York Co. 717-244-8702

5000 Ford tractor, 8 spd., flat deck, $5,500. 717-374-4088

656 Hydro Diesel. Very good condition. Recently gone through new paint $4700. 717/755-1460

WANTED: Bean dump carts, in good condition. 607-734-9281

WANTED TO BUY: NH 718 chopper w/824 cornhead. Lancaster Co. (717)656-8531.

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

WHEEL LOADER JD 544B w/cab & backhoe, $18,000. Will Separate. 301-833-9091

WHEEL LOADER JD 544A, $10,000. 301-833-9091

(New) NI 323 windrow corn pickers, $4,650. 717-768-3197

New & Used Parts For Oliver, Minn. Moline & New Holland. 717-333-4256

NH 1495 diesel haybine, hydro, cab, air, 12', very low hrs., $15,950. 1-800-248-2151

NH 315 baler, $3,750.; Feeder wagon w/JD running gear, $1,400.; NH model 27 blower, $1,000.; Slurry Manure Pan for NH 519 Spreader, $125; Lackawana Co., Pa. 717-587-1725

NH 331 PTO manure spreader, 100 bushel, 3 beater, $750. 301-898-7426

NH 450 mower 3pt, $700. Farmbilt 8 ton running gear, $425. NH 23 blower, $125. AC 6' rotary mower, $725. IH 8' disc, $675. (215)562-4464.

NH 495 Haybine, 12', w/ moving cylinders for road travel, excellent condition, $4,950.(804)352-5867, (804)352-8741 evenings.

NH 513 Spreader, T Chain, like new $2500.; Farmall 350 tractor FH, TA, good condition $1500. Phone 717/875-0352

NH 56 rake; 1 row JD silage cutter; tandem axle fertilizer spreader; 2 row JD silage cutter; NH 352 grinder mixer; Gehl grinder mixer; IH 1150 grinder mixer; Johnson metal band saw; Farm Hand tandem axle grinder mixer; 14' hydraulic auger; Badger spreader; AC baler; IH 1050 grinder mixer; NI tandem spreader; 450 Case ripper, 54"; IH front end loader; Silage unloader; 2 milling machines; Zook spreader; Display counter; 357 NH grinder mixer; Farmall H, new paint. 717-354-4059

NH 846 round baler, $3,850.; NH 352 portable mill, $1,900. 717-683-6802

NH 890 silage cutter, excellent condition, 3RN, cornhead w/auger base and grass pickup attachment. $8,200. (804)352-5867, (804)352-8741 evenings.

NH #8 Forage Wagon. NI 325 2Row Narrow Compicker with 329 Supersheller. 215-286-5641.

NH 975 Combine w/ cab & grainhead $1075. 717/534-1253

NH Baler w/kicker, JD2030 Diesel tractor w/48 loader and 8ft. scraper, 2 hay wagons, NH 2ton feed grinder. Chester Co. 717/529-3233

NH bale wagons: 1069 diesel, 5+2, cab, air, 1125 hours, sheded, like new, $36,500. 1069 gas, 4+2, cab, air, 1323 hours, sheded, excellent, $29,900. 1047 120 bale, 4+2, no cab, $8,500, also have pull types. Roeder Imp., Seneca, KS (913)336-6103.

NH N2 low profile cornhead. Good condition. NH28 whirl-a-feed blower 215/484-2576

NH skid 785, SN 615809, excellent condition, low hrs., $10,500. 215-445-4105

NI #10 corn husker, good condition, $1,000. Offer. 215-767-5829

NI 279 Cut-ditioner 9' cut $975. 717/367-7639/5723

NI 319 mounted picker w/12 roll husking bed, good condition. 717-532-3577

NI 323 corn picker, excellent, $2,200. 301-898-7426

NI Uni System, 702 gas, 710 combine, 11' header, 726 husker, 2 row wide head, field ready. Make Offer. 215-857-3282

N-Tech Vacuum Tank; NH 890 Harvester, 2row wide #824 cornhead, hay pickup; JD 7000 4rw corn planter. All barn kept & excellent condition. 703/668-6434

JD 750 diesel, 25HP, 3 pt., dual outlets, 790 hours, one owner. $5,200. 301-898-7426.

JD 850 w/6' Belly mower, 300 hrs., like new, $6,500. 301-833-9091

JD 855 4x4 w/#70 loader & 72" Belly mower, 43 hrs., new, $13,000. 301-833-9091

JD 8' offset transport disc, $600. 301-898-7426.

John Deere-70 Diesel Tractor, good condition $2,000. 717/872-5884

John Deere 10-10 Dozer, winch, new pin's and bushings in tracks. Needs some work. $4,900. 717/243-7433

John Deere LA Tractor, runs good. With or without plow, cultivator, mower. 215-855-4875 anytime. No Answering Machine.

KUBOTA B7100, 4WD w/ front & rear blades, & 4' Belly mower, $5,600. 301-833-9091

Late Model Nicholson Tedder, NH 56 Hay Rake. 4 Knive Paypec silo filler, real good. Thomas J. Wheary, 717-687-7968.

LOADER TRACTOR FORD 340, 3 pt., live PTO, 1,100 hrs., must see, $7,500. 301-833-9091

Loader Dunham quick tach, JD or Ford mounting brackets, good condition, $1,800. 717-272-2352

Long 510 (50HP) with heavy duty quick detach loader, 740 hours, excellent condition $8,550. 215/488-7060

JD 2010 gas utility w/ loader, very good condition, $4,400. JD B, good original condition, $975. Oliver 70H 2R mounted picker, $275. JD 16' transport spring tooth, $275. JD #12 forage harvestor w/2RW head, $275. JD #F145, 5btm. semi-mounted plow, $600. MM semi-mounted plow, 5 or 6 bottom, $600. IH offset disc, 8½ ', blades like new, $600. Ford rake, 3pt, $550. Carroll Co. 301-857-4433

MF 1135, $4,000. 301-833-9091

MF 1150 W/cab, 140HP, looks good, good rubber, $3,995. 717-374-1959.

MF 285 diesel, excellent, $7,500. 301-833-9091

MF 760 Combine. Good condition, ready for field. (1) 6row cornhead, 30", (1) 15ft. grainhead w/ pickup reel, $8500. for everything. Call 215/942-3809

MK VI potato harvester, field ready, good condition. Always stored inside. Delivery anywhere. 814/274-9813. Jim

Mountville cornsheller, 2-hole, $100. S.P. 22 milker pump w/motor, $85. Air compressor on wheels, $50. 6 truck tires 900x20, 10 ply, $100 for lot. (717)684-0143.

Myers Mighty-Mist Airblast sprayer w/ row crop head. Very good condition. $2250. 717/653-9662 or 717/653-4149. Call after 6PM

New 6 cylinder diesel engine, made by Mitsubishi. Power units etc. up to 100hp. $2,400. Smuckers Repair Shop, 94 Summit Hill Drive, Strasburg, PA 17579.

New 9x18x8 steel hay wagon, left, right, front or rear unload, 8 ton gear exten. tongue, $1,475.; 990 IH haybine, good condition, $750. Berks Co. 215-944-9276

New Hesston prime mover skid loader, 40 hp diesel, w/floatation tires and 62" bucket, $13,900. (717)752-7131.

New Idea 325, 2RN, w/327 12 roll husking bed, $4,300. MF 1134 Corn Head, $1,195. 215-267-6547.

New Idea 705 Uni system, 767 Super chopper, 3R 30" corn head and pickup, very nice $7500. 301-898-7426.

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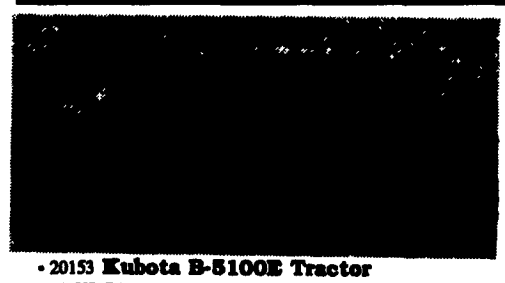
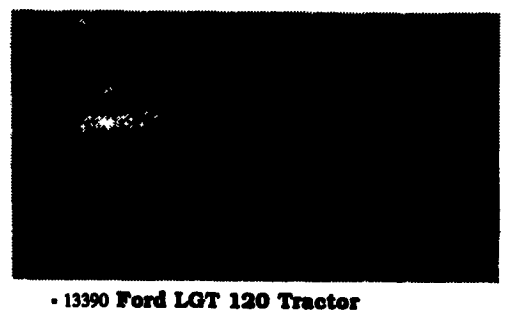


• 20153 **Kubota B-5100E Tractor**
12 HP Diesel, 3 Pt., PTO w/Woods 4' Mower, Nice Shape! $3,775

• 19354 **Kubota M-4950 DT Tractor,** 47 PTO HP, 4WD, 1360 Hrs.. ~~$12,790~~ $11,990



• 13390 **Ford LGT 120 Tractor**
12 HP w/42" Mower, Like New Demo. Never Sold $2,495

• 19528 **New Idea Cornpicker 323,** 1 Row, Good Condition $2,100

• 20353 **Kubota B670 Backhoe** 6' Digging Depth, Subframe Mount, PTO Pump, 12" Bucket $2,495
• 20151 **Sauder Blade** 7' Front Mount $475
• 19387 **Woods 4' Brushcutter** M-4 ..... ~~$750~~ $695
• 20351 **Jacobsen Front Blade** 48" Spring Trip, Fits Ford Jacobsen L&G Tractors $145
• 20166 **Kubota G-2000 Frt. Blade** 48", Never Used, Fits G Series Tractors $250
• 19554 **New Idea 323 Cornpicker** 1 Row, Good Condition $2,100
• 20282 **Used Brinly 1 Row Cultivator** Cat. 0 3 Pt. Hitch, Good Condition $85
• 20284 **Used Economy Disc** Cat. 0 3 Pt. Hitch, 4½ ' Width, Good Condition $115
• 19943 **Dunham Lehr Disc** (10 ft., Transport Type, Hyd. Cyl.) $2,195
• 14414 **Gehl CB-600 Harvester** SOLD Up, 2-Row Crop, & Narrow Head $1,995
• 20255 **International 500 C Crawler Loader** Torque Converter, 4-in-1 Bucket, Good Sprockets, Pins, And Bushings, ROPS $10,400
• Coming In...**Kubota F-2000 Commercial Front Mower** 20 HP, Diesel, Hydro, 4 WD, PS, 60" Mower, 60" Rotary Broom
• 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5' $590
• 20250 **Kubota RC60-72H Mower** 5', Midmount For B-62 B-7200 HST Tractors, Nice Shape $795
• 20195 **Bolens FMC D60-L Flail Mower** 5', 3 Pt. 1000 RPM PTO $675
• 19011 **T-38 Mott Tow Type 38" Flail Mower** w/8 HP Engine $750
• 20094 **Kubota B-48 A Mower** (Mid-Mount, w/Frt. PTO Clutch, Fits B-6100/B-7100) $245
• 18950 **Kubota 3660 Flail Mower,** 5' 3 Pt. Hitch $750
• 19844 **John Deere Sicklebar M** SOLD Semi-mounted $175
• 19843 **Woods RM-59 Mower** 5' Cut, 3 Pt. Hitch $750
• 20275 **Used Woods RM42 Mower** 42", Brush Cutter, 3 Pt. Cat. 1 Hitch, Good Condition $695
• 20267 **Used Landpride AT2572 Mower** 6', Finish Cut, Full Floating On 4 Gauge Wheels, Air Tunnel Deck, Good Condition $1,295
• 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B-6100/B-7100 HST Tractors $285
• 20285 **Used Woods RM48 Mower** 4', Finish Cut, 3 Pt. Cat. 1 Hitch $725
• 20283 **Used Brinly Plow** 12" Single Bottom, Cat. 0 3 Pt. Hitch w/Colter & Gauge Wheel $120
• 19941 **Landpride SP15-56 Pulverizer** Good Condition $460
• 19210 **Kubota 4' Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage $475
• 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) $425
• 17847 **Kubota B-748 Snowblower** (48", will Fit B-6100, B-7100) $250
• 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series $625
• 19065 **Mighty Mac 50 Gal. Sprayer** P550T $695
• 19012 **Turf 36" Lawn Sweeper** ..... ~~$395~~ $325
• 20286 **Used Opt. Ag Tires** For Kubota B7200DT Set of 4, Good Shape! $325
• 20183 **John Deere 160 Lawn** SOLD 12.5 HP Kawasaki, 5 Sp. 38" Mower $1,375
• 20258 **Ford 1100 DT Tractor** Watercooled Diesel, 10 Sp. 493 Hours, 4 WD, w/Ford 768 Loader ..... ~~$5,400~~ $4,950
• 20193 **Massey Ferguson 65 Tractor** 50 HP, Diesel, PS, Single Remote $2,875
• 20350 **Jacobsen 1650 Tractor** 16 HP, Hydrostatic, Hyd. Lift w/50" Mower $1,095
• 20146 **Ford 4000 Tractor** 4 Cyl., Gas, SOS, 47 HP, PS, Single Spool Remotes, Runs Good $3,480
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• 20268 **Used Kubota L-175 Tractor** 17 HP, 2 Cyl. Diesel, w/Woods L59 Mower, Nice Shape $3,450
• **Kubota L-295 DT Tractor** 30 H SOLD 4 WD, STD 3 Pt., PTO, Loader, New Paint, Good Tires $7,500
• 19980 **Kubota B-6100 HSE Tractor** 2 WD, 14 HP, Hydro w/4 Pt. Belly Mower $4,850
• 20431 **Used Servicestar Lawn Tractor** 11 HP, 32" Mower, Wheel Weights $345
• 20273 **Used Ford 120 Tractor** 12 SOLD Drive, 42" Mower, Nice Condition $950
• 20269 **Used Kubota G-5200 H Tractor** 14 HP, 3 Cyl. Diesel, Hydro., w/RC486 Mower, Excellent Condition .. $3,875
• 20173 **International 340 Tractor** 35 HP, Gas, Fast Hitch, Hyd. Loader $3,480
• 20256 **Pack Mule Trailer** 1988, 6 Ton GVW, Tandem Axle, 18 Foot $1,975
• 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower ..... ~~$495~~ $450
• 20352 **Trac Vac 460 Vac Unit** 5 HP, Direct Mount, 8 Bus. Cap., Hitch & Chute For Kubota G Series Tractors, Good Cond $575
• 20356 **Trac Vac 856 Vac Unit** 3 Pt. Hitch, PTO Driven, 45 Cu. Ft. Capacity $695
• 20251 **Trac Vac 856 Vac Unit** 3 Pt. PTO Driven, 45 Cu. Ft. Capacity, Like New $945
• 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower $450
• 20318 **Used TracVac 460 Vac Unit** 5 HP, Direct Mount, Hitch & Chute For Kubota G Series w/RC446 Mower, Good Condition $495

BATWING MOWER WOODS B320, demo w/ warranty, $8,000. 301-833-9091

BATWING MOWER, Woods B315, 15', recent work, new paint, $3,000. (215)343-2444.

BELARUS 800, 85 h.p., 1,100 hrs., roll bar, excellent, $4,500. 301-833-9091

BELLY MOWER KUBOTA 72" for B8200, same as new, $700. 301-833-9091

Bradco Model #800 Three Point Hitch Backhoe, heavy duty, working condition, $2,000. 215/256-6946

BUSHOG BUSHOG 4', excellent condition, 3pth, & $375. York County. (717)235-2869.

CASE 1070 w/#70 QT loader, runs well, $5,800. 301-833-9091

CASE 1370, CAH, new engine, good rubber, $6,500. 301-833-9091

CASE IH 685, 4WD w/2255 loader, 150 hrs., same as new, $18,000. 301-833-9091

Case 1160 combine w/cab and 4-row corn head, good condition, $4,000. (717)752-7131.

Case 580K backhoe-loader, 1988, low hours, $30,500. (717)752-7131.

CHOPPERS: JD 5460, 5400, 5200 or Fox or NH.; 1495 NH diesel haybine. Larry Stalter, "The Chopper Man". 1-800-248-2151

Elevator, NH 36', $800. 717-626-5879 after 5 p.m.

Farmall 706G, NF, 3pt., $3,000. 4-108D Perkins parts. Rebuilt, head for IH574D $450. Oliver 1600D head $100. Oliver 77D head $100. Farmall H head $50. Irwin Nolt. (717)354-7267.

Farmall Cub w/plow, cultivators, belly mower & snow blade, $1,950. 717-949-2123

Farmall Super C with new 6 Ft. Woods Belly Mower-SUPER NICE, $3,500. Ray Wiggers 814-664-2661.

Farmall Super MTA w/ mounted NI 319 picker, $2,975. NI 323 picker $2,250. IH 1PR picker $450. 2 gravity bin wagons $750 each. NH dump wagon, $650. (215)562-4464.

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Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

Fiechbein sewing machine for bag clothing, portable, 1 new model E, 1 used model D w/stand. Must sell, Best Offer. 21' storage tank on legs. 717-597-4213

Field Queen self propelled chopper, around 650 hrs., 3-30" & 7', about like new. 1-800-248-2151

FORD 1710, 4x4 w/OT loader, 100 hrs., like new, $10,000. 301-833-9091

FORD 2310 diesel, runs well, $5,500. 301-833-9091

FOR SALE: 75hp Deutz diesel powerunit w/3to1 reduction clutch mounted on a cart $4,500. 45hp IH-W6 powerunit with clutch $600. John R. Peachey, HCR61, Box 37A, Belleville, PA 17004.

Ford 600 Tractor w/3 p.h., wide front, 8 speed, live hydraulic, 2537 hours. $3,000. Ray Wiggers, 814-664-2661.

Forklift, Propane Pettibone, 4,000 lbs., with hard tires, good condition. $2,200. Call 215-845-2021.

For most ... ain or corn heade... call ...rry Stalter, "The Combine Man" 1-800-248-2151

For Sale: 10 tooth pull type chisel plow, excellent condition. 717-568-2749

For Sale: 300 gallon pickup Century field sprayer. 717-935-5375

For Sale 8' Pittsburgh Transport Disc with cylinder. Will transport. 717-367-1057.

For Sale Deutz 6006, $3,900. IH 574, $4,200. NH 27 Blower, $450. 717-733-0575.

For Sale:IH 915 combine, 854 cornhead, 810-16.5 cut/grain header. Buy separate or as lot. (804)482-1843.

For Sale: JD 2840 field ready condition. Lancaster County. (717)733-0660.

For Sale JD 214 Chuck Wagon with rear unloading, W.H.D.. JD running gear, $1,500. 717-259-7346 call after 6PM.

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For Sale NH 1010 Stackliner, good condition. $1,500. Tioga County 717-549-5572.

For Sale: Owatana skid loader, 1200, gas, steel wheels, bucket and fork. $2,400. 20 sheets used tin. Amos Z. Horst (717)354-5738.

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Fox Diesel Self-propelled chopper, big hay head and corn head, $12,500. Will trade. 1-800-248-2151.

Gehl 940 forage wagon, very good, $4,000. Gehl 99 hi-throw forage blower, very good, $750. N.H. 3 Row, 30", forage harvester, Model 890 with windrow pickup head, good, $3,000. Warren Angus, 215-598-3980 after 7PM.

Hesston stackhand #10, good condition, $2,000. OBO. 215-268-0439

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IH 715 combine, diesel, hydrostatic, new tires, good condition, grain head. Best Offer. Schuylkill Co. 717-345-8512

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JD 2RN Cornhead, VG Condition, Killbros. 350 Gravity Bin on gear. 717/665-4743

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JD 3020 w/cab, wide front, gas, $4,250. 717-272-2352

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JD 4040, 4 post, new rubber, quad, excellent, $15,000. 301-833-9091

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881 Ford w/loader & set of 3 btm. plows, $2,500. 717-784-0637

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AC 6060 tractor, 65 h.p., 18.4x28 tires, dual remote, 1,950 hrs., $8,975.; 500 gallon Farm Hand sprayer, 32' boom, 1 axle, $1,475. Middleburg. 717-837-0724

AC CA tractor, rough, $200.; MF 410G combine, 4R 40" CH, cab, $1,050.; Gravity bin wagon, $250.; Mayrath 25'6" auger, $75.; FMC roto-mist sprayer, $225.; MF 35 tractor, burns oil, $1,100.; Oliver 77 tractor, no PTO, $400. Bucks Co. Call Nights. 215-968-4808

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BACKHOE CASE 580B, $7,500. 301-833-9091

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The following is a partial listing of the farm equipment of Paul Solomon to be sold at the John Parrish, Jr. Farm Equipment Sale on August 19, just west of New Freedom, PA, along L.R. 851. All equipment is well cared for w/some items like new.
JD 1520, gas tractor w/WF. Gravely 5465 industrial tractor w/10hp engine and 40" mower w/170 hours. 1987 Ford Escort GL wagon 5-speed. NI 206 manure spreader. Full line of modern hay-making equipment. Call (717)235-4534 to inspect machinery.

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Complanters: 2 and 3 row with John Deere Max-Emerge II units. Plateless or vacuum. 3-Point or pull type. Tifone air-blast sprayers. Reasonably priced. Pequea Planter, 561 White Horse Rd., Gap, PA 17527. Lancaster Co.

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OK Champion 2 row potato harvester. 717-653-1631.

Oliver 1550 gas tractor, motor completely overhauled. 717-658-7493.

Oliver 77 diesel tractor. IH 510 drill. 9 tooth Athens chisel plow. (717)731-9667.

OMC, 540, hay and corn stalk stacker, excellent, sheded. (717)247-7858 (717)247-7212.

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Deere 13',15',16',20. Int. 13',15',16½',20'. MF 15',16'. Gleaner 10',13',15',20'. Lots of corn heads. Larry Stalter, "The Combine Man". 1-800-248-2151

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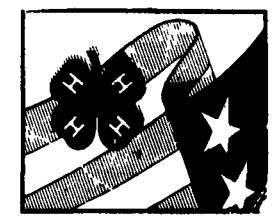

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Ford 4610 8 spd.
Ford 4600 38" Tires
Ford 445 w/Ldr.
Ford 4000 SU D w/Ldr.
Ford 4000 PS LPTO
Ford 3910 11 w/Cab
Ford 3910 11 4WD w/776F Ldr.
Ford 3910, 200 Hrs.
Ford 3550 w/Ldr.
Ford 3400 D w/Ldr.
Ford 3000 w/Blade
Ford 3000 Dsl.
Ford 2810 LCG
Ford 2110 LCG
Ford 2000 LBH
Ford 2000 Offset
Ford 2000 w/Ldr.
Ford 1910 4WD
Ford 1720 4WD w/Ldr.
Ford 1710 4WD
Ford 1710 w/Ldr.
Ford 1710 4WD w/Ldr.
Ford 1600
Ford 1310, 25 Hrs.
Ford 1300 w/Mower
Ford 1210 4WD
Ford 901 WFE
Ford 801 PS SOS
Ford 801 w/Ldr.
Ford 800 w/Ldr.
Ford 850 G
Ford 600 w/Side Mower
Ford 8N w/Ldr.
Ford 9N w/Ldr.
Ford 8N w/Side Mower
2 Ford NAA's
JD 2010 Gas
JD 1020 w/Ldr.
JD 350 Crawler Loader
IH 500E Crawler 6 Way Blade
IH 404 Gas
IH 154 w/Mower
IH Cub w/Mower
Farmall 400
Farmall M
Farmall H
MF 2200 w/Ldr.
MF 30B LBH
MF 150 G
MF 40 G
MF 20 w/Ldr.
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Oliver 1250 PS
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Badger Blower
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NI 299 Haybine
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- JD 2020 Tractor w/Loader
- JD 45 Combine w/2R C.H.
- NH 495 Mower Conditioner
- NI Silage Blower
- JD 716 Forage Wagon
- JD 3800 Chopper
- JD 38 Chopper
- JD 34 Chopper
- JD 35 Chopper
- JD 7000, 6R Cons. Planter
- JD 680 Manure Spreader
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- IH 1190 mower conditioner, good
- NH 488 mower conditioner, good condition
- (2) NH 495 12' mower conditioner
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- JD 35 forage harvester w cornhead
- (2) 16' Badger forage wagons, tandem, very good
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- MF 640 4 row planter, air, dry, good
- Speed King grinder mixer
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- JD 40 spreader, 175 bu
- NI 324 2 row wide corn picker, good
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McCormick Deering Little Genius 3 bottom plow - very poor
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Try anytime but best before 8 a.m. or after 8 p.m.

White 706N, $4,950.; IH 885, $6,450.; 844, $1,950.; Gleaner A, 630, $5,950.; JD Low Tin 643, $8,500.; 444, $2,580.; 643, $6,450.; 443, $3,950.; 343, $2,950.; MF 1163; JD 213 to 224; IH flexes; Gleaner 15' wobble box & more. Will trade. Larry Stalter, "The Combine Man". 1-800-248-2151

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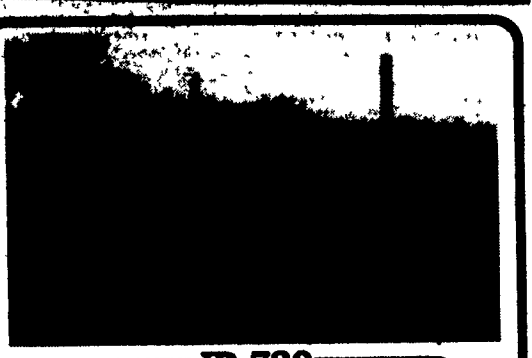

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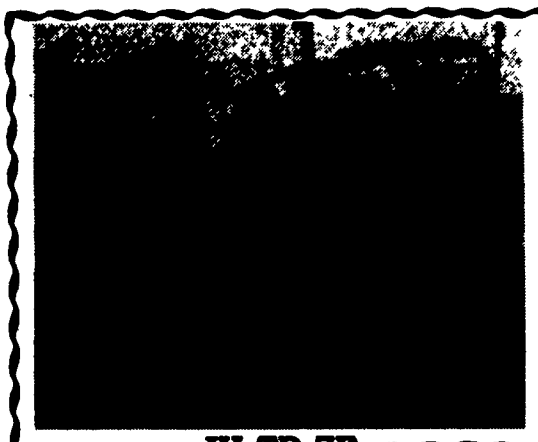

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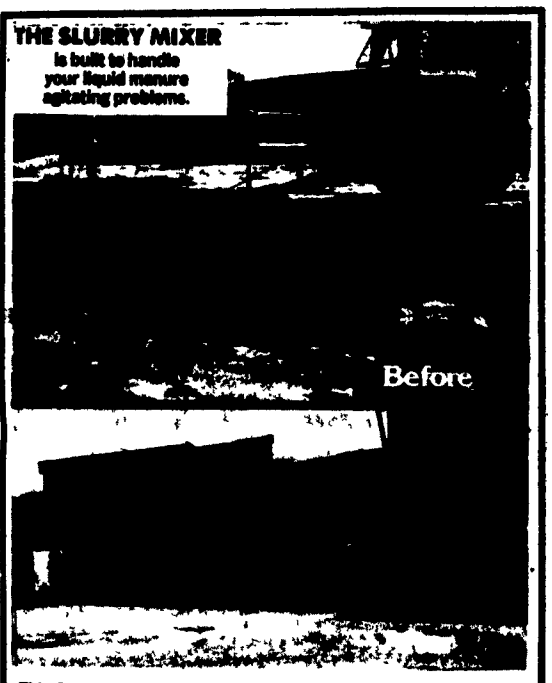

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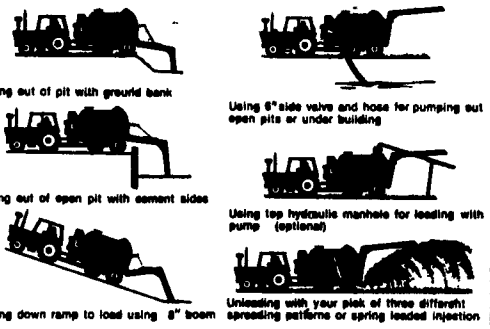
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IH 606 D, 3 pt.
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(2) IH 154 LoBoy w/ mowers
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F300 Gas
IH 235 D 4 WD
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IH 3088 MFD, AC 8010 MFD
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IH 1066, IH 340, IH 986
IH 915 Combine

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IH 5288 Western Cab, low hours, 20x38 tires, absolutely like new
IH 186 hydro, C/A, low hours, good condition
1981 IH 1486 western cab 2640 hours, fully weighted, 20x38 tires w/duals, excellent cond.
IH 1256 cab wide fr. end, real good cond.
1977 IH 986 ROPS, 18x38 tires, 3500 hrs., nice condition, rebuilt clutch & TA
Model 31 Westendorf loader, fits IH tractors
JD Model 46A Loader
IH 856, WFE, 3 pt., good solid tractor
1978 MF 760 Combine, diesel hydro, 6x30 cornhead & 20' flex w/U2 reel, very nice condition
JD 4320 w/cab, 4400 orig. hrs., good cond.
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IH 656 gas, n[SOLD]ront, 2 pt. hitch
Case 500 diesel w/PTO & belt pulley, excellent for Amish use
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MF 750 belt drive diesel eng. w/15' grain platform

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- FB 31, 4WD w/Loader
- FB 37, 2WD w/Turf Tires
- FB 37, 4WD w/Loader
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KUHN-
- 11' 6 Rake & Tedder

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NEW IDEA-
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- 3622 Spreader
- 406 Hydraulic Rake
- 5109 Mower Cond.

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- NI 400 Rake
- NI 526 Disk Mower
- NI 224 Spreader
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JD 4030, quad range
JD 4320
JD 4020, dual hyd. & wide front
JD 4010, narrow front
JD 520, 3 pt. hitch, 1 owner
JD 620, 2 cylinder
JD 6600 Side Hill, 76 model
Ford 7710, 1,600 hrs.
IH 1066, cab & air, excellent
IH 856 w/cab, 2,600 hrs.
IH 856 w/roll guard
IH 560 diesel
Farmall 340 w/2 btm. plow
Deutz 6507
Deutz 1006
Oliver 1855 diesel
Oliver 175 SOLD spd.
MF 1105 Fender Tractor
MF 35 w/loader
MF 124 baler w/kicker
JD 350, 6 Way Blade
JD 310 backhoe
JD 450C w/6 way Blade
Bobcat 643 diesel
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JD roll guard cab for 4320
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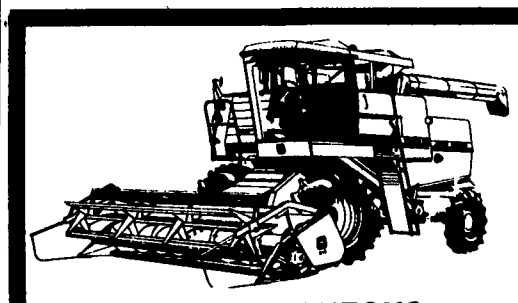

MISCELLANEOUS

IH #60 flail mower, 14'
JD 35 harvester w/2 RW head
JD RG 4 row cultivator, (4 row wide)
JD F145 5-16 semi plow
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor
JD 7000 8-30 corn planter, liquid fertilizer, monitor, insecticide
Glenco 10' chisel plow, 3 pt.
JD 220 disc harrow, 20'
Rhino 15' Batwing mower
NI manure spreader, 300 bu. capacity
MF model 520 disc harrow, 22' wing fold w/Mid West harrow
Int. 18' field cultivator w/buster bar

TRACTORS

1977 MF 285 tractor
1977 Int. 886 w/4 post, low hrs., nice condition
JD 4230, cab & air, quad range, 18.4x38 tires
JD 1250 tractor, 112 hrs., like new

COMBINES

1979 JD 7720 w/4WD, 2,200 hrs. w/218 flex cutter bar
1975 JD 7700 rotary screen w/215 flex cutter bar
1977 JD 7700, rotary screen, 4WD, 215 flex cutter bar
1977 Int. 915 w/Mud Hog drive, 15' cutter bar, 6 row corn head
1982 JD 8820 w/4WD, 1,800 hrs. w/222 flex cutter bar, JD 843 corn head

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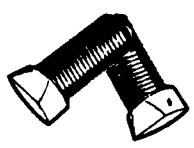
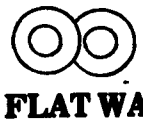

BOLTS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- Farmall "H"
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- JD 2010 Tractor w/Loader, 3 Bottom Plow

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- NH 445 Skid Steer Loader
- Ford CL 40 Skid Steer Loader
- Case 1835C w/Bucket

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- Case IH 145 Rollover Plow, 3 Bottom

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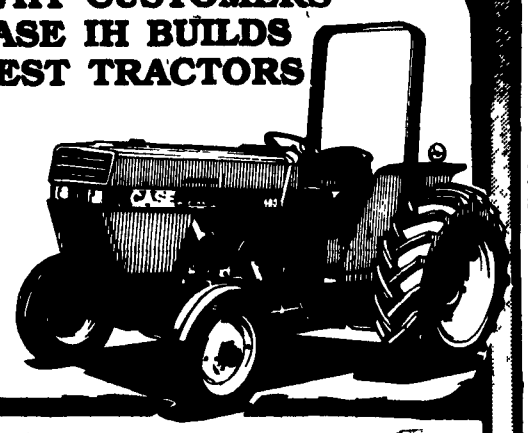

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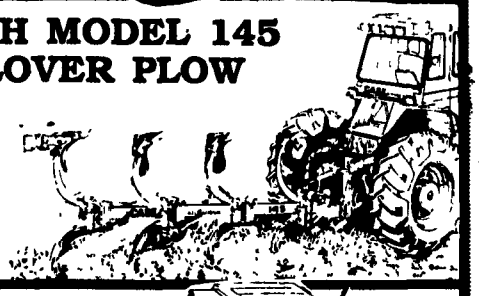

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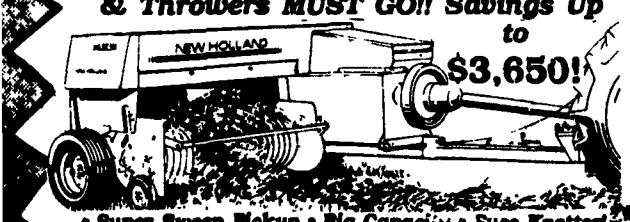

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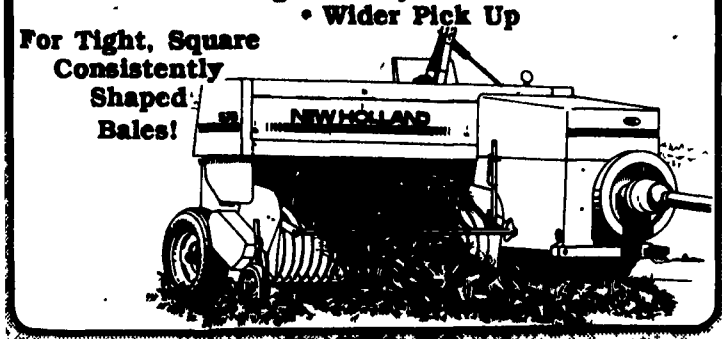
For Tight, Square Consistently Shaped Bales!



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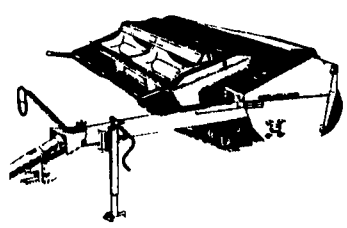
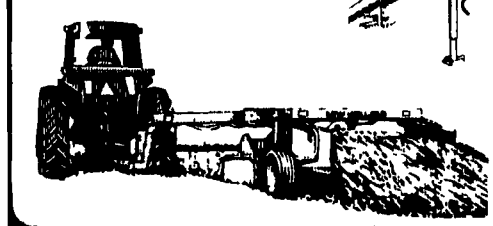
NEW HOLLAND 489 HAYBINE

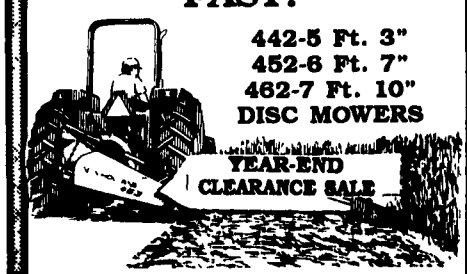




NEW HOLLAND 411 DISKBINE

CUTS THE TOUGHEST CROP FAST!

442-5 Ft. 3"
452-6 Ft. 7"
462-7 Ft. 10"
DISC MOWERS



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$2,750
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JD 6620 Side Hill, 6-30" corn head & grain head, excellent condition.
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MF 1080, 1971 model, good rubber, clean tractor
MF 175 diesel, multi power, 16.9x28 rubber
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JD 60 w/3 PT Hookup, good rubber SOLD
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8'x18'x7' 1069
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Brady 12' Flail Shredder
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JD 7000 6 Row
JD 7000 12R Corn Planter
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STANLEY'S FARM SERVICE
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See The Yamaha Power Equipment On Display At AG PROGRESS DAYS At Our Exhibit Located On West 2nd Street

Ride a best seller.

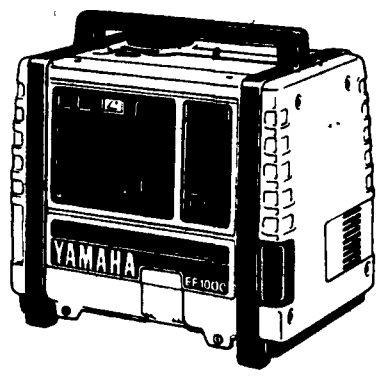
Nothing takes the work out of yard work like a Yamaha Lawn Tractor.

Designed and built 100% by Yamaha, the 12-hp and 18-hp Lawn Tractors utilize advanced overhead valve engines for high reliability and efficiency, with extremely low maintenance and noise. Cutting is quick and clean, thanks to computer-designed decks. And riding is as easy as it gets, thanks to color-coded controls, and Yamaha's super-simple, no-clutch Hydrostatic transmission. Come ride one.

YAMAHA POWER EQUIPMENT

A little money buys a lot of power.

If you need a generator, now's the perfect time to act. Because the power is up and prices are down on the advanced new Yamaha lineup. From a featherweight 600-watt totable to a compact 6,000-watt portable, there's a Yamaha designed especially for you. And with its superior engine technology, an efficient, brushless alternator, and incomparable Yamaha quality, it's not merely the best for the money. It's the very best made.



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AG PROGRESS SALE DAYS

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Visit Our Salesmen And Manufacturers Representatives At Our Display On West 2nd Street...

Ask For

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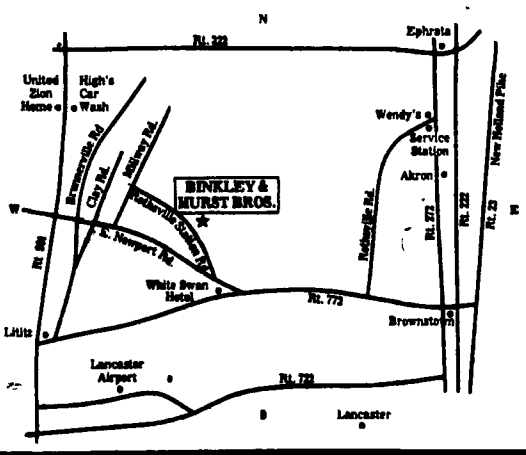
And Save

Lots Of $$



OR

Stop In At Our Dealership On The Way To/From Ag Progress And See Our Large Selection Of Machinery Specials!

In This Day And Age Of Reformed Tax Structures You May Save A Lot Of $ By Leasing Equipment From Binkley & Hurst Like Many Others Have!

Consider The Advantages Of Leasing:

1. Leasing Provides 100% Financing
   (A) With A Fixed Term
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   (B) Renew The Lease
   (C) Purchase The Equipment For 10% Of Original Invoice
6. Leasing Allows You To Pay For The Equipment With Further Profits And/Or Savings Generated By The Equipment
7. Leasing Provides Significant Tax Advantages, Enabling Payments To Be Deducted As An Operating Expense Over The Term Of The Lease
8. Leasing Plans Available For New And Good Used Equipment

Ask Your Binkley & Hurst Sales Rep For A Good Plan NOW!
Subject To Credit Approval

Before You Buy, *GIVE US A TRY!*
And Thanks For Your Past, Current And Future Patronage!

Sincerely,
The Staff At Binkley & Hurst Bros., Inc.

SEE THESE ITEMS ON DISPLAY AT OUR EXHIBIT AT AG PROGRESS DAYS LOCATED ON WEST SECOND STREET:

- All New Brouwer Rough Terrain Forklift (All Wheel Drive)
- Richardton High Performance Dump Wagons and Conveyor Boxes
- Case IH 7120 MFD Magnum Tractor With New 4 Reverse Speed Trans.
- Sunflower Superior Quality 13'3" And 24' Hydraulic Wing Disk "The Best In The Field"
- Husky Vacuum Tanker And 6"x25 Foot Lagoon Pump
- Kinze 6 Row Corn & Bean Planter And The New Kinze 12 Row Hydraulic Swivel Planter For Narrow Transport Roading. If You Have Highway Travel Problems Check Out This Special Design Planter At Our Booth
- Ferris Zero Turning Radius Hydrostatic Mower
- Bolens Lawn & Garden Equipment
- Yamaha Riding Mowers & Portable Generators
- Case IH and Other Brands Of Parts On Display With Special Discounts
- Redneck Trailer Parts Display For Stock Trailers, Tagalong & Fifth Wheel Trailers Suspension Systems And More
- Rubber Tire Manure & Snow Scrapers For Skid Loaders And 3 Pt. Tractors At Economy Prices

NOTE! Check Pages C - For Machinery Available.

All Items Subject To Prior Sale

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BINKLEY & HURST BROS. INC.

Invites You To Make Plans Now To Attend Our On-Farm Equipment Demonstrations

Featuring:
* CASE IH MAGNUM Tractors
* CASE IH Subsoiler
* SUNFLOWER Disc Harrows
* KINZE Planters
* GEHL Spreaders
* High Pressure Washers

** And More!*

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Don't Forget Our Parts Delivery & Overnight Air Service!

Quality Products, Good Service And Fair Prices Are Year-Round At Binkley & Hurst Bros., Inc.

WE REPRESENT THE FOLLOWING ITEMS:

- Case IH Co.
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- Sunflower Farm Equipment
- Gehl Company
- Todd Farm Equipment
- Cunningham & Snyder, Inc.
- General Super Sweep
- Hamilton Equipment
- Unverferth McCurdy
- Ryder Supply Co.
- Husky Farm Equipment
- Knox Planting Equipment

AND SELL THE FOLLOWING PRODUCTS:

case ih — FULL TILLAGE LINE • Tractors • Unloaders • Combines • Farm Loaders • Full Line Of Farm Equipment		RICHARDTON DUMP WAGONS and CONVEYOR BOXES	Unverferth McCurdy GRAVITY BINS, TRUCK AND GRAVITY BIN HYDRAULIC AUGERS, HIGH PERFORMANCE SHORT TURN RUNNING GEARS
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SUNFLOWER TILLAGE, HEAVY DUTY DISK HARROWS & FIELD CULTIVATORS	BUSH HOG ROTARY CUTTERS Bat Wing Model & Others	BEHLEN CORN CRIBS	UNVERFERTH TRACTOR RIMS AND DUAL WHEEL KITS
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If You Need Repair Service, Call Our Service Manager Now For Quality Repair Work!

- BRING A FRIEND -

Choose The Date Or Location That Suits You Best - 10:00 AM - 3:00 PM

AUGUST 22
Paul Mast Farm Morgantown, Pa.
¼ mile south of Rt. 23 on Rt. 10

AUGUST 24
John Hess Farm
Lititz, Pa.
1 mile west of our dealership along Newport Rd. across from Hess Mennonite Church

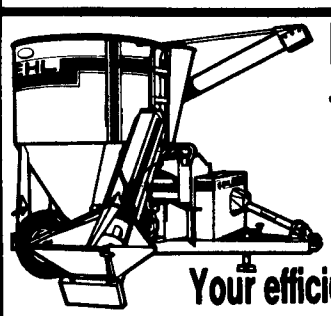
AUGUST 29
John Musselman Farm
Myerstown, Pa.
Route 645 to Frystown, west at blinker light to first road right - Meckville Road

AUGUST 31
Klingerman & Gallick Ag. Serv.
Bloomsburg, Pa.
Two miles South of Exit 37, off I-80 between Mifflinville and Mainville on Route 339.

** Monsanto Chemical Co. & DeKalb Seed Co. will offer programs throughout the day.

LOOK! LISTEN! LEARN!

SEE YOU THERE



GEHL

Just Arrived! See Us For A Super Deal!

Your efficient corn marketing machine!

If you're feeding corn to livestock, expanding your operation, or thinking about it, consider the advantages of a Gehl Mix-All® portable grinder-mixer

- Livestock option lets you walk your corn to market
- Feedmaking flexibility adapts your present layout to efficient livestock feeding
- Uniform grind, thorough mixing provide a high quality feed
- Efficient hydraulics save work and time

See the new model 170 (135 bu.) today! In Stock!

See On Display At AG PROGRESS DAYS -

See Binkley & Hurst Bros. Inc., For A Good Tax Deductible Lease Purchase That Makes Our Reasonable Price Even Better!

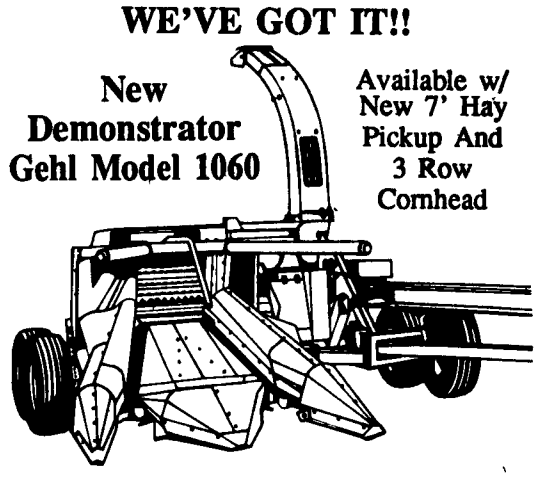
See Us For Your NEW GEHL V-SPREADER Needs

- IN STOCK -

WANT A SPECIAL DEAL ON A NEW CHOPPER - WE'VE GOT IT!!

New Demonstrator Gehl Model 1060

Available w/ New 7' Hay Pickup And 3 Row Cornhead



GEHL

Versatility Champ!

With a horsepower rating for maximum 200 hp, the Gehl 1060 features exclusive patented spinner delivery system that "jets" material from cylinder to blower in a continuous flow. Other features include overrunning clutch; in-head hydraulic knife sharpener that allows in-field knife sharpening and refacing of cutterbar, using tractor hydraulics; and single-station cutterbar adjustment. Auto-Max system, speed monitor, metal detector, haylage water tank optional! It's totally versatile! Make us prove it with a demonstration.

Visit The Gehl Display At Ag Progress Days And Then See Binkley & Hurst For Quality Equipment With Special Lease Programs With Great Benefits & Low, Low Down Payments.

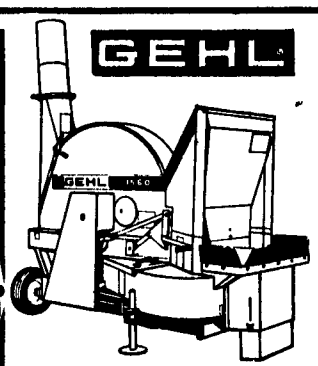
BINKLEY & HURST BROS. INC. HAS GEHL #1 FORAGE BOXES IN STOCK AT REASONABLE PRICES!

High Capacity Fast Unloading

The Gehl 970 Series self-unloading forage box is a winner! You can't beat it for unloading speed, capacity, strength, ease of maintenance — and price! Ten-year warranty on sides, endgates, stakes and platform tells you a lot about its superior construction. And the Even Flow third beater plus a wide 23¼-inch cross conveyor give you the speed and capacity you're looking for. Available in five sizes, stop in and look one over today!

GEHL

Unparalleled Performers



Super Duty Small Drum Direct Drive 1000 RPM Models 1560 In Stock! Also 540 Drive Model 1540 Blower At Economical Prices!

The ultimate forage blowers are here - the Gehl 1540, 1560 and 1580. These blowers have been developed around the high capacity tradition of famous Gehl blowers. In addition to unmatched capacity, these blowers boast many convenience features - swing-away blower outlet, removable tunnel covers, replaceable rim sheet liner, adjustable left axle, quick-adjust air vents, PTO storage hanger and more. PUT A GEHL BLOWER TO THE TEST ON YOUR FARM TODAY!

GEHL

We Have A Used (Like New) Flail Chopper In Stock For Only $4,750

Versatility Pays!

Gehl's 7200 flail chopper green chops, shreds stalks, mows weeds and tackles other tough harvesting jobs with 39 double-edged, hardened steel flails. Unitized fan blades cut and throw material in one step for continuous crop flow. If you want a versatile, economical flail chopper, stop by today and see the Gehl 7200!

New Warranty - Demo. Gehl 44 HP Model 4610 Perkins Diesel Skid Loader

With 60" Wide Bucket, No. 3908 List Over $18,292 **Special Cash Or Lease Price Now Only $12,300**

When It Comes To Fast, Safe Handling Of Your Forage & Vegetable Crops, You Need To Contact Binkley & Hurst Bros. Inc. And Find Out Why Richardton Is Your Answer!

NOTE!

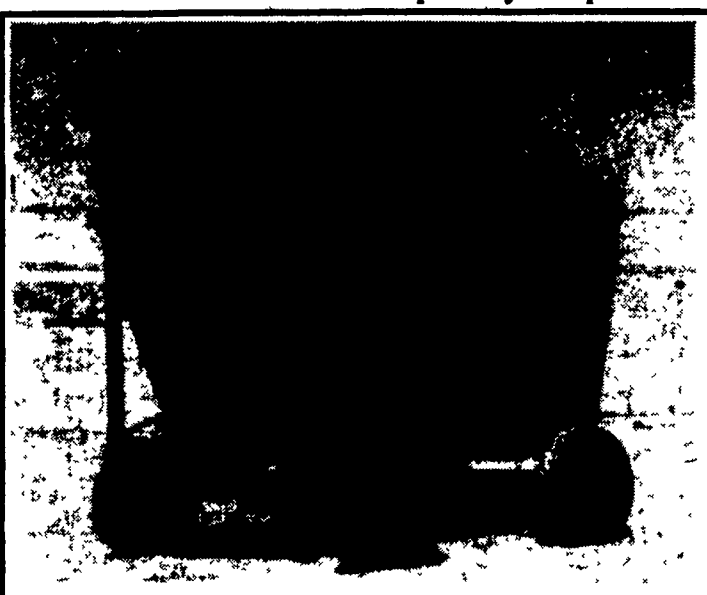
No Need To Unhitch And Rehitch This Dump Wagon When Chopping With A RICHARDTON ...

THINK ABOUT THIS!

The Safety Of Using Trucks On Our Crowded Highways Today Is Much Better Than Swinging Tractor And Wagon Setups

When Your Truck Reaches The Blower, Just Back Into Your RICHARDTON Conveyor Box, Dump Your Load And Race Away For The Next!

Not Only Does RICHARDTON Handle Forage Crops, But They Have Models Available For Specialty Crops Such As Vegetables, Etc.



FORAGE
HAYLAGE
CHAFF
STRAW
TOMATOES
CUCUMBERS
SWEET CORN
SEED CORN
EAR CORN
PEAS
BEANS
CARROTS
SUGAR BEETS
GRAIN

COMPARE THESE FEATURES AND OPTIONS

Simple hydraulics allows one valve to operate the lift and stabilize cylinders Center plumbing means less hose length and easier coupling

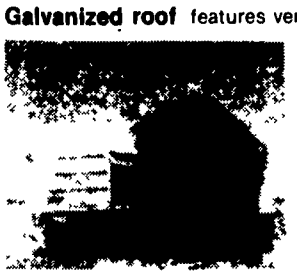
The basic box is heavy-duty steel, welded seams, and reinforced for even more strength.

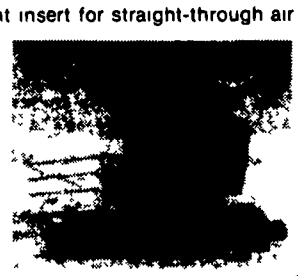
Standard offset hitch adjusts in 5-inch steps to lengths from 6' 3" to 7' 11". To allow for different row crop spacings, you can offset either right or left 5, 7½, 10, or 12½ inches

Rub rails offer more protection to vehicles when approaching, during dumping cycle, and when departing

Stabilizer cylinders hydraulically lock on to axle to hold wagon rigid during dump cycle.

Galvanized roof features vent insert for straight-through air flow



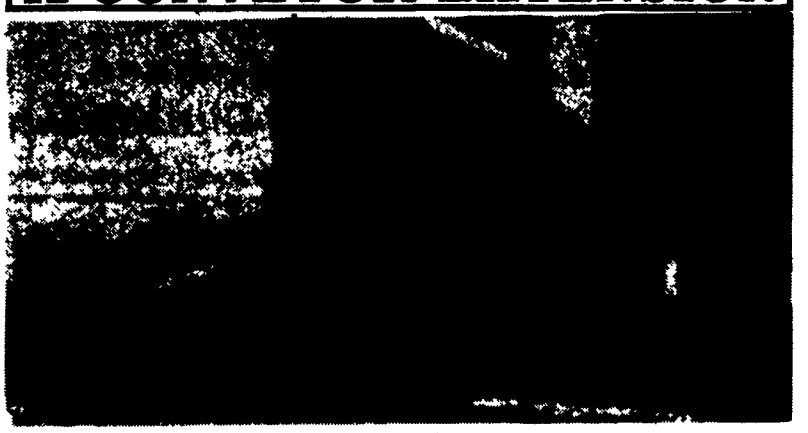


Make Your Operation Safer • Use Year Round • Variety Of Crops • All Field Conditions • Operate In Wet And Muddy Conditions

- See On Display At Our West Second Street Booth! -

If You Have A Large Truck, You Should Consider This:

A CONVEYOR EXTENSION



BINKLEY HURST BROS INC

133 Rothsville Station Rd
Lititz PA 17543
Located ... Mile North of Rothsville
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... Mon - Fri 7AM-5PM
... 7AM - 11:30AM
... Local Dlr.
... NEW PARTS - ALL RECONDITIONED (717) 626-0885 (717) 933-4753 (717) 273-5673

Visit The Case IH Display At AG PROGRESS DAYS And See The Following Equipment From Binkley & Hurst Bros., Inc. - See Our Salesman Eugene Hoover At The Case IH Display For More Information On This Equipment.

- We Have These Models From Our Own Lot On Display -

- Case IH 42 HP 485 Diesel Tractor
- Magnum 150 HP 7120 All Wheel Drive Tractor
- 4 Bottom 18" Auto Reset Rollover Plow
- New 56 HP Case 1845C Uniloader With Auxiliary Hydraulics
- Density Controlled 8450 Round Baler Which Builds 46½" Wide x 48" to 75" Dia. (Variable)
- Hi-Capacity 600 Forage Blower
- 21 HP All Wheel Drive 245 Diesel Tractor With Quick-Attach Front End Loader
- 18 HP Diesel Tractor With Hydrostatic Drive, 3 Pt. And PTO With Shaft Driven Mid-Mount Mower Deck
- 8610 Round Bale Grinder And Bunk Feeder

- See Binkley & Hurst For A Good Deal On These Machines! -

SNEAK PREVIEW

Stop At The Binkley & Hurst Bros., Inc. West 2nd Street Booth And See The Pictures Of The All New Mini-Magnum 5100 Series Tractors Just Introduced — Get The Details And Place Your Order NOW!

See These Tractors At Ag Progress Days, Then See Binkley & Hurst Bros. And Make A Deal!

MAGNUM

Introducing the first all-new tractors from Case IH

Case IH put more into the new MAGNUM Tractor line than any farm tractors developed in over twenty years. Here's why you'll get more out of it:

MAGNUM means more. Outstanding field performance from a new 506-cubic-inch turbocharged engine with reverse power MAGNUM power

The MAGNUM Tractor's powershift plus 18 speeds of shift-on-the-go workpower at your fingertips—standard And only MAGNUM Tractors offer a full powershift creeper transmission with six additional speeds from 5 to 21 mph for more control and performance MAGNUM performance The MAGNUM Tractor's new larger cab has 48 square feet of window area — virtually unobstructed visibility — more room and more seating comfort. MAGNUM comfort.

It all adds up Case IH MAGNUM Tractors are setting new standards for the 130-195 PTO hp power range and for you See us for details.

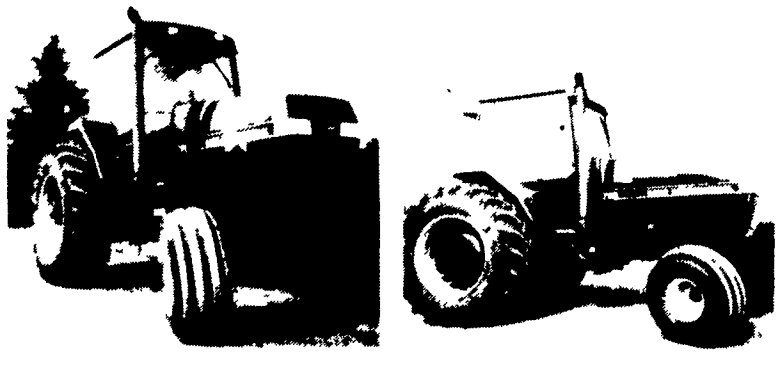
★ See The New Updated Magnum With New Features ★ Including The New 4-Reverse Transmission.

Only Case IH Offers You A Warranty Like This!

5 Years Or 5000 Hrs.; Stop In At The Booth For Details!

Want A Super Deal On New Magnum?

We Have A 150 HP Model 7120 Demonstrator Tractor In Stock With Demo. Discounts Up To $2000 - Let's Make A Deal Now! See Our Salesmen At Our West 2nd Street Booth!



New Warranty -5 Year/5000 Hr., Loaded With Good Optional Features. New 4-Reverse Transmission - Eligible For A Good Tax-Saver Lease - Let's Make A Deal Now!

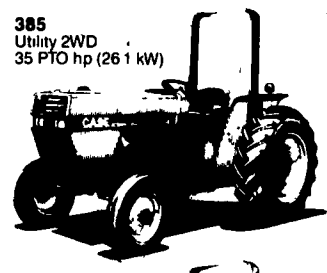
Binkley & Hurst Bros., Inc. Is Your Dealer For These Fine Tractors!

Just Received A New Shipment Of Various Models!

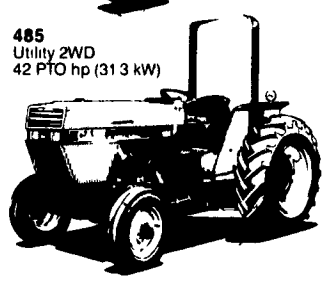
Note! If You Like Easy Shifting Transmissions You Need A Case IH! See Binkley & Hurst Bros. Soon For A Good Tractor At A Good Price!

You'll get more comfort, more productivity and versatility features than ever, starting with the new air conditioned Case IH cab, deluxe 4-way-adjustable fabric seat, roomy off-the-deck console controls and unrestricted visibility There's a smooth-working 8F/4R synchromesh transmission — 16F/8R power shift available for all models Take your choice of row crop, low-profile, utility, heavy-duty cast and center line MFD axles (row crop axle and MFD for the 585/685/885) Any way you look at it you get more tractor for your money with a Case IH 85 Series Tractor

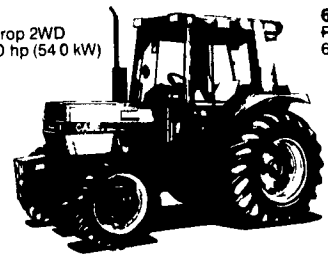
385
Utility 2WD
35 PTO hp (26 1 kW)



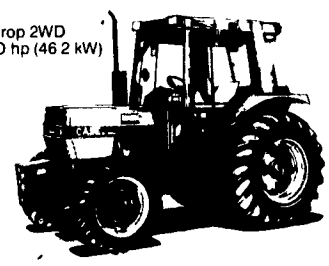
485
Utility 2WD
42 PTO hp (31 3 kW)



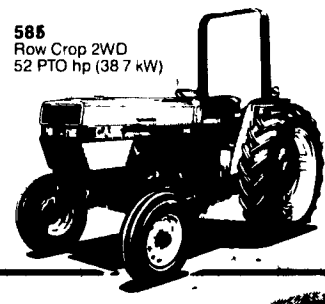
885
Row Crop 2WD
72 PTO hp (54 0 kW)



685
Row Crop 2WD
62 PTO hp (46 2 kW)



585
Row Crop 2WD
52 PTO hp (38 7 kW)

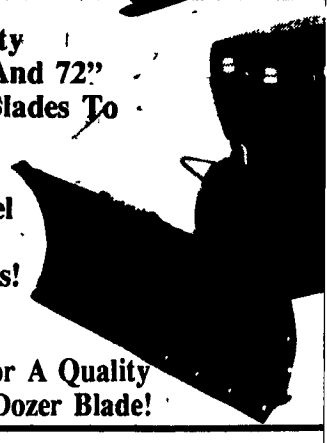


Just Arrived! NEW Case IH 8720 Forage Harvesters

- Eight Knife Cutting Cylinder
- Straight Through Crop Flow
- Knife Grinder

In Stock With 2 Row 30 Corn Head

We Got Quality Case IH 54" And 72" Front Dozer Blades To Fit Your Case IH Compact Diesel Tractor At Discount Prices!



Stop In Soon For A Quality Case IH Front Dozer Blade!

If You Enjoy A Beautifully Groomed Lawn, You Need A Case IH 3 Pt. Finish Turf Mower Which Will Fit Any Brand Of Tractor With Cat I 3 Pt. Hitch And 540 PTO.

For A Quality Machine - See Binkley & Hurst Soon!

In Stock: 60" & 72" Cut A Quality Mower Priced Right!

MODELS 60RS AND 72RS-REAR MOUNTED

The Models 60RS and 72RS are 3-point hitch mounted finishing cut mowers designed for Case IH tractors in the 15 to 40 PTO hp (11.2 to 29.8 kW) range. Both 60RS and 72RS feature heavy duty gear box, shielded PTO drives. "B" section V-belt, blade spindle drive with spring loaded idler, and free-floating three-point lift system.

Three-spindle, high lift blade design provides smooth operation. Heavy gauge steel deck promotes long life. Two rollers and full pivoting gauge wheels are standard.

Case IH 60RS and 72RS mowers are easy to attach and control, easy to service and built for quality mowing, year after year.

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

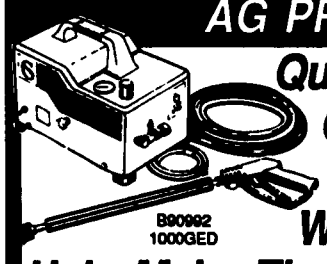
(717) 626-4705

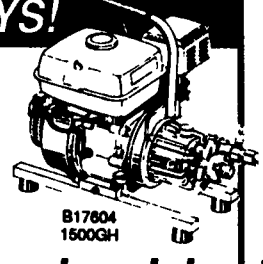
Mon.-Fri. 7 AM - 5 PM;
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

After Closing:
Emergency Parts Dept.:
717-626-0885
717-933-4753 717-273-5673

case ih

IF YOU MISSED YOUR DEAL AT OUR PRESSURE WASHER CLINIC AND SALE - *DON'T MISS YOUR DEAL AT AG PROGRESS DAYS!*


B90992
1000GED


B17604
1500GH

Quality Case IH Cam Spray Pressure Washers - To Help Make The Toughest Cleaning Jobs A Pleasure!

Units Will Be On Display At Our Location On West 2nd & 3rd Street!

PRESSURE WASHER

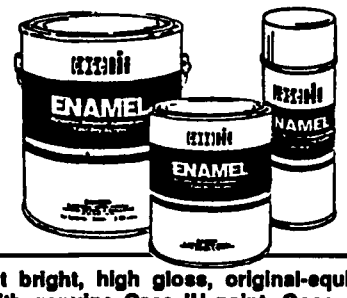
Case IH

Good While Supply Lasts!

This Coupon Worth $50.00 Off Our Already Low Price - With The Purchase Of Any Washer. Good Only At Binkley & Hurst.

	List	Our Price	With Coupon
B90991-1000 GEH 1000 PSI 2.2 GPM Electric	528.12	444.75	394.75
B90992-1000 GED 1000 PSI 2.2 GPM Electric Guage & Pressure Adjustment	620.31	544.95	494.95
B91315-1200 GDE 1200 PSI 3 GPM 220/1 ph Electric	729.68	677.72	627.72
B91320 - 1500 GDX 1500 PSI 3.5 GPM 220/1 ph Electric On Cart	1115.62	1038.50	988.50
B17604-1500 GH 1500 PSI 3.5 GPM 5 H.P. Honda	909.00	840.49	790.49
B17597-200 GXE 2000 PSI 4.5 GPM 220/1ph	1695.31	1620.00	1570.00

Restore Original Factory Finish with Genuine Case IH Paint



$24.95 Gallon

You'll get that bright, high gloss, original-equipment shine with genuine Case IH paint. Goes on easy and dries in one hour to minimize downtime.

Quart can, **$8.19** 11.5 oz. spray can **$3.99**

SHOP NO FURTHER

We Have Premium Quality EARTH METAL Tillage Parts At DISCOUNT PRICES

Can't Afford A New Disc? Re-blade Yours At A Fraction Of The New Cost.

WHAT MAKES EARTH METAL® SO TOUGH?

The exclusive steel formula makes Earth Metal disk blades up to 60% tougher than ordinary rolled steel blades. And they wear up to 20 percent longer. That means you save money by reblading less often. And less breakage means you save on downtime, too.

20"

Only **$9.50**

Check This List For Your Needs Or Call And We Will Assist You... We Have Blades For ALL Popular Disc Harrows

CASE IH - AMCO - ATHENS - BUSH HOG - DEERE
KRAUSE - RHINO - TAYLORWAY - AND MORE

BLADES

ITEM NO.	BLADE DIA.	HOLE SIZE	THICKNESS	KIND	REG. LIST	DISCOUNT SALE PRICE
30922R1X	20"	1¼ square.	4.5 mm/7 ga.	Smooth	$24.46	$14.38
998809R1X	20"	1.25 round 1.5 round	4.5 mm/7 ga.	Smooth	$24.46	$ 9.50
644010R5	22"	1¼ sq. 1.25 sq.	5 mm/6 ga.	Smooth	$31.42	$19.25
960968R1X	22"	1.5 round 1.25 sq.	5 mm/6 ga.	Smooth	$31.42	$12.50
956702R4	24"	1.25 sq. 1.5 round	5 mm/6 ga.	Smooth	$38.97	$25.46
998865R2	24"	1.5 sq. 1.75 round	6.5 mm/¼"	Smooth	$48.93	$29.05

RESTORE RIDING COMFORT - REPLACE THOSE WORN-OUT SEATS & SEAT CUSHIONS WITH A QUALITY SEAT ASSEMBLY FROM CASE IH

Seat w/ Mechanical Suspension

ZSA6173

$393.92

Fits International & Case Application

Seat Assembly

ZSA6175

Fits Many IH Tractors **$157.48**

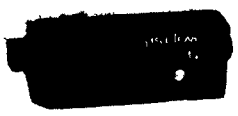
Try The Comfort Of This HYDRAULIC SUSPENSION SEAT

ZSA6179
List $868.65

SALE PRICE....**$781.75**

SUMMER TIME SPECIALS ON STATE-OF-THE-ART DIGITAL MONITORS

Eliminates Guesswork From Your Crop Farming Operation



REAP THE BENEFITS

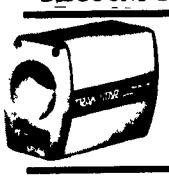
Yield Trak Monitors four basic functions: ground speed, acres harvested, bushels per acre and total bushels harvested. The bushels per acre function is divided into two counters with independent resets, so you can pinpoint yields with each tank-full or measure an entire field.

Reg. $349
DISCOUNT SALE PRICE..... **$296.95**

CALC-AN-ACRE COUNTER

Calc-An-Acre is a state of the art acre counter that accurately calculates and displays acreage with the touch of a button. It incorporates a dual counting system that makes it possible to reset and record individual fields while maintaining a running total of area worked. CALC-AN-ACRE is also a digital speedometer that provides true ground speed.

Reg. $189.95
DISCOUNT SALE PRICE..... **$170.95**



ULTRASONIC GROUND SPEED SENSOR

Measures true ground speed - eliminates errors due to wheel slippage. Measures forward & reverse motions.

Reg. $395.00
DISCOUNT SALE PRICE..... **$373.50**

Performance+...THE CLEAR PICTURE

The Performance + monitor provides an exact readout of your wheel slip percentage and flashes a warning whenever your tractor exceeds a maximum acceptable limit. It also immediately and accurately shows you the effect of any corrective action — shifting gears, changing tire configuration, ballasting, tractor/implement matching, etc.

List $300 DISCOUNT SALE PRICE (1 ONLY)..... **$250.00**

!! ATTENTION FARMERS !!

Preharvest Sale

10% Cash & Carry Discounts On CROP HARVESTING PARTS

Now Thru Aug. 25, 1989
Buy Now & Save On Your CASE, CASE IH, INTERNATIONAL & GEHL Harvesting Parts

AG PROGRESS DAY SPECIALS

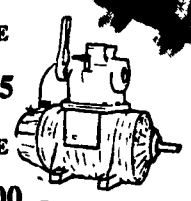
SEE US FOR ALL YOUR PUMP AND ACCESSORY NEEDS

MEC 8000 Pump
240 CFM @ 15" HG
List $1,650
SALE PRICE **$1,135**
1 Only!

In Stock

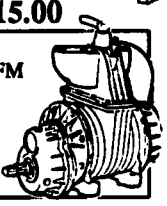
4" GATE VALVE
List $90.00
SALE **$79.95**

6" GATE VALVE
List $141.75
SALE **$115.00**



PB-10
1000 RPM
190 CFM @ 15" HG
List $1,409
SALE **$925**

BPJ3
540 RPM, 100 CFM @ 15 HG
List $995
SALE **$575**
While Supply Lasts



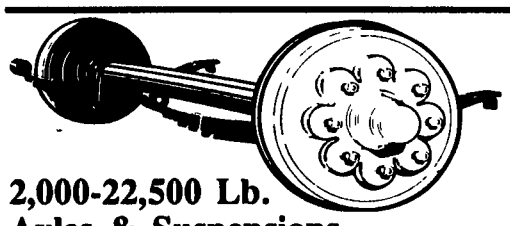
See Us For All Your Pump & Accessory Needs

2" - 6" SUCTION HOSES IN STOCK:

- 3" Kanaflex 220PS Hose.....List $4.70
  LESS 10%...$423/Ft.
- 4" Kanaflex 220RS Hose.....List $7.25
  LESS 10%...$653/Ft.
- 6" Kanaflex 220RS Hose.....List $11.48
  LESS 10%...$10.33/Ft.

IN STOCK: Hose Couplers & Clamps, Moisture Traps, Vacuum Gauges, Rebuild Kits For Vacuum Pumps And Much More!
If We Don't Have It, We'll Do Our Best To Get It!
CHECK OUR QUANTITY DISCOUNTS ON PUMPS, HOSES AND ACCESSORIES

KANAFLEX
220 RS
Call Us For Even Better Prices Per 100 Ft.
717-626-4705



2,000-22,500 Lb.
Axles & Suspensions
Metal Trailer Components
Lights & Electrical Supplies
Brakes, Tires & Wheels
Jacks, Couplers & Hitches
Hardwood Accessories & Much More

Make Us Your Headquarters For Your Trailer Parts & Repair Needs!

Check Our Prices On Receiver Hitches!

See On Display At Ag Progress Days!

Buy Where The Quality Is #1 At The Right Price -

Model 2211

Lunchmate ONLY $15.25

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Located ½ Mile North of Rothsville
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Sun. Closed - Lord's Day

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IH 504 Tractor, $3,850 (301) 833-1847

Clay 800 gallon vacuum tank w/hose, excellent condition $2,250 215-257-7050 after 6 p.m.

NH SP 1890 forage harvester, factory rebuilt engine, new radiator, 3 row narrow corn head & windrow pickup, field ready. $13,500 FREDDY HILL FARM 215-855-1205

NH 853 round baler, total automatic bale command, only baled 220 bales, quit farming, only $12,500 OBO.

(301) 833-1847

USED TRACTOR & COMBINE PARTS

Large Selection Save 50%

W.C. Littleton & Son Inc.
P.O. Box 169
Laurel, DE 19956
302-875-7445

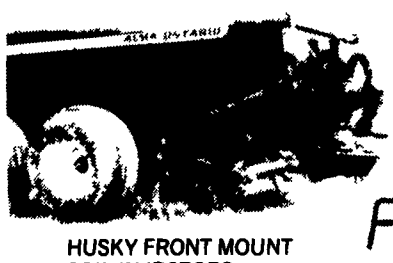
Krause #4921 Disc
Excellent Condition
717-256-3309

BINKLEY & HURST BROS., INC. INVITES YOU TO VISIT OUR DISPLAY AT WEST 2nd STREET TO SEE THE QUALITY BUILT HUSKY FARM EQUIPMENT

- SPECIAL LOW COST LEASING PROGRAMS AVAILABLE -

If Your Future Plans Call For Manure Handling In Your Operation, You Need To Meet Our Factory Representative Or One Of Our Salesmen

IF IT'S FOR LIQUID MANURE AND WE DON'T HAVE IT -

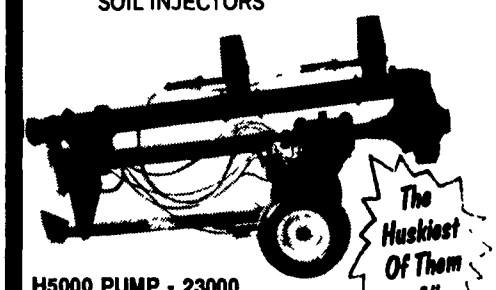


HUSKY FRONT MOUNT SOIL INJECTORS

WIDE SPREADING PATTERN

WE'LL MAKE IT!

Husky Builds To Your Order



The Huskiest Of Them All

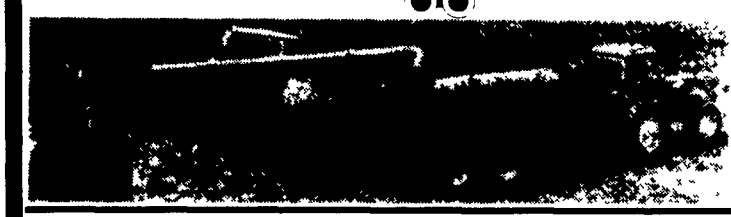
H5000 PUMP - 23000 LPM (6000 GPM) 20 TONS PER MIN., CAN BE CHANGED FROM "PUMPING" TO "AGITATING" AT FULL SPEED

Husky-Tiger Lagoon Pump: 25'x6" w/3600 Gal. Per Min. Capacity - CASH $5,595 Or Lease For $190/Mo.

HUSKY® Liquid Manure Handling Systems

TOP FILLS HUSKY LIQUID MANURE SPREADERS

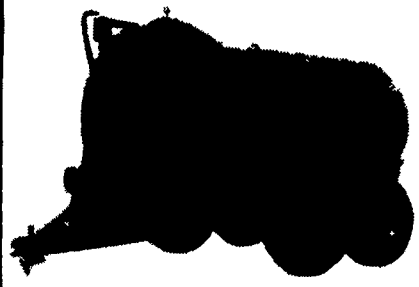
A Size To Suit You!



For Fast Hauling Pick A Spreader Size To Suit Your Tractor. Every HUSKY TANK Is Made From Heavy Gauge Alloy Steel Carefully Lined With A Special Coal Tar Epoxy Liner.

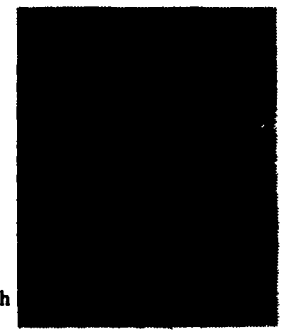
HUSKY VACUUM TANKERS

Model 12000L 3000 Gallon VACUUM LIQUID SPREADER



QUALITY BUILT IN

FEATURES
- 6mm Tank with dished ends
- New tanker lined inside against rust with special coating
- Fully baffled
- Access hatch
- Level sight gauge
- 210 CFM vacuum pump, larger than normal size
- 6" (150mm) vac hose
- Secondary moisture trap
- Positive float shut off
- Vacuum pump supplied with high heat vanes



List Price.....$16,745
AG PROGRESS
TOW AWAY PRICE....**$11,590**
Lease For **$390** *mo.*

5 YEARS UNCONDITIONAL AXLE WARRANTY

HAULING TANKS

If You Have A Special Truck Or Flotation Vehicle, Husky Can Help To Make The Mounting Easy

Call Us Now!

SEE US For All Your PARTS & SERVICE NEEDS Related To Vacuum Equipment!

See Our REPLACEMENT PUMP On Display At AG PROGRESS

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See SUNFLOWER Heavy Duty Quality On Display And In Action At The AG PROGRESS SHOW At Our Display On West 2nd St.

If You Haven't Checked Out A Sunflower, You Haven't Seen The BEST Because Sunflower Offers 1¾" Diameter Axle Shafts In Their Complete Line Of Harrows From Little To Big - So Why Not Own The Best?

1231 DISC

THE DISC FOR THOSE WHO DEMAND EXCELLENCE

- IN DESIGN
- PERFORMANCE
- CUSTOMER ACCEPTANCE

You just can't beat this one! It's at the top of the chart in performance and at a price you can afford. Come by and let us show you just how much quality your dollar can buy!

SUNFLOWER THE VERY BEST

- 10' to 32' MODELS AVAILABLE -

All Units Have C Spring Flex Hangers To Work On Rocks

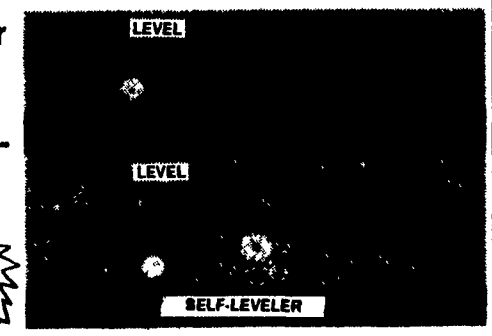
All Units Are Double Offset Design With 1¾" Axle Shafts

All Units Are Complete With Hydraulics

All Units Have Forward-Mount Gauge Wheels To Eliminate Gouging And Make Perfect Leveling.

Why Not Pick Your Size From Our In-Stock Inventory & Make A Good Year-End Investment?

PLACE YOUR ORDER NOW FOR FALL DELIVERY!



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1835 Case Skid Loader
410 Knight Spreader
Model 30 New Holland Blower
Automatic Roller Mill
Meyers 3 Beater Silage Wagon
(717) 733-3227

JD 544B
w/Backhoe, will separate
$18,000
JD 544A
$10,000
Belmont Farm
301-833-9091

17 ft. Mo-Trim Hyd. Boom on mower, w/mountings for 585 IH tractor, good condition
$1,495
MANOR EQUIPMENT, INC.
Wheatfield Rd. R.D. 8
Sinking Spring, PA
215/678-0828

JD 6600
Side Hill 215 Grain Hd. 643-6 30" row corn, very sharp, air cond. field ready $14,000
Take All. 1978 Model.
301-898-7426

Before You Buy A Heavy Duty No-Till Drill, Consider The Advantages Of The Heavy Duty Double Frame KINZE Bean/Corn Planter With Push Units That Really Penetrate The Toughest Soil Conditions For The No-Till Advantage!

The planter that can.

- Gives you liquid or dry fertilizer options with all the extras
- Lets you set row spacings down to 15", 18", 19" with patented KINZE push units.
- You can equip it with all the no-till options you need
- Offers you the dependability of spring-loaded contact drive wheels and precision seed placement accuracy ... with the finest row unit technology in the field today.
- Hydraulically folds — from planting to transport — in seconds. (Locks into a rigid transport position, and yet, gives you plenty of flex for uneven terrain.)

KINZE Twin-Line II

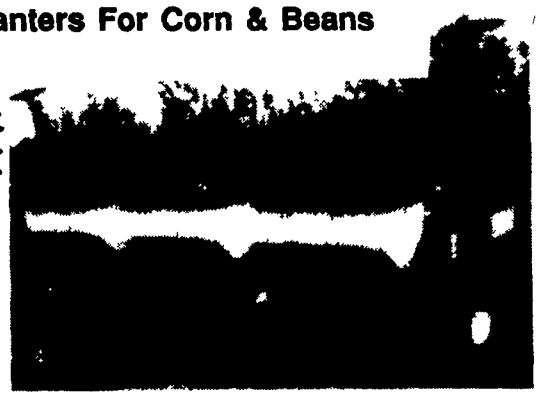
See This Massive 12-Row Planter In Action At AG PROGRESS DAYS On West 2nd Street - See It Go From Roading Position To Planting Position In A Matter Of Minutes - *Don't Miss It!*

IF YOU NEED A BEAN PLANTER -
LOOK NO FURTHER!

We've Got A Super Deal For You!

Heavy Duty Planters For Corn & Beans

Plant Your Beans With This Kinze Heavy-Weight Champion!



When You Buy KINZE *You Pay Less For More Weight!*

NEW
★ 6 Row 30" Spacing
- Dry Fertilizer
- Corn Meters
- Soybean Meters
- Monitor
- Markers
- Insecticide

Available In: 2, 4, 6, 8, 12, 16 Row Corn & More OR:

Add Push Row Units & Make It A No-Till Bean Planter - *It's Got The Weight To Do The Job Right!* *Stop In Now And Get The Details!*

Look At The Way These Planters Are Built! These Heavy Weight Champions Will Not Only Do The Job Of Heavy No-Till Drills, But Are Adaptable From Corn To Beans In Minutes With Push Units!

Contact your nearby KINZE dealer today!

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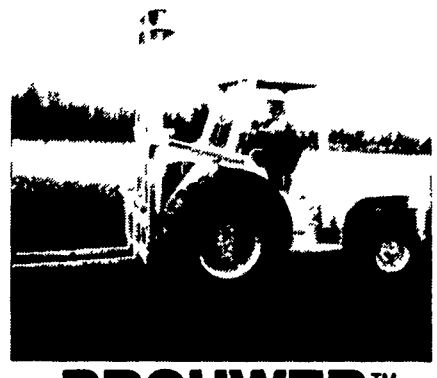
133 Rothsville Station Rd. • Lititz, PA 17543
Phone: 717-626-4705

Binkley & Hurst Bros. Inc. — Your Dealer For BROUWER Forklifts - Invites You To See Our Display At Ag Progress Days On West 2nd St.

BROUWER ROUGH TERRAIN FORKLIFT



The tough one that's easy to handle

- 5000 to 8000 Lb. Capacity
- 10 to 21 ft. Masts
- Compact
- Tight-Turn Maneuverability
- Shift-On-The-Move
- Ford Powertrain
- 2 Wheel Drive Or All Wheel Drive

BROUWER™
TURF EQUIPMENT LIMITED
An Outboard Marine Corporation Company

SPECIFICATIONS

- Power Unit - Ford Industrial Drive Train, Ford 3 Cyl'd, 201 C.I.D. (3.3 L) 63 HP, Diesel Water Cooled
- Transmission - Synchromesh Power-Shuttle (4x4) & Torque Converter, Independent Heavy Duty Oil Cooler
- Drive Axle - Planetary Drive With Integral Wet Disc Brakes, Differential Lock
- Mast & Carriage - High Visibility Roller Mast With Shaft Type 60" Carriage. (60" Hook Type Carriage, No Charge Option), Mast Side Shifter
- Forks - Hi-Strength Steel Forks, Series 5 - 4"x1¼ "x48" Shaft Or Hook Type, Series 6 And 8 - 6"x2"x48" Shaft Or Hook Type
- Tires - Series 5, 6 And 8 - 19.5Lx24 10 Ply Rating Industrial Drive Lug, 11Lx16 8 Ply Rating Steering
- General - 2 Piece Engine Deck Cover With Tilt Feature, Front Work Lights, Back Up Alarm, Overhead Guard Meets ANSI B56.6 - 1987 Design Recommendations, 4 Way Flasher Kit, Industrial Seat, Adjustable Forward & Rearward, Complete With Lap Belt And Water Drain Off Slot, 2 WH & 4 WH Drive Models Available.

Specifications Subject To Change Without Notice

IN STOCK! **All New BROUWER™ ROUGH TERRAIN FORKLIFT - 6000 Lb. With 21 Foot Lift, 4 Wheel Drive With Ford Diesel Power Train, Excellent Visibility, Model FF621 - 4 Wheel Drive**

- Get A Money $aving Lease For Only $819/Mo. -

SEE ON DISPLAY AT AG PROGRESS DAYS Located On West 2nd Street

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

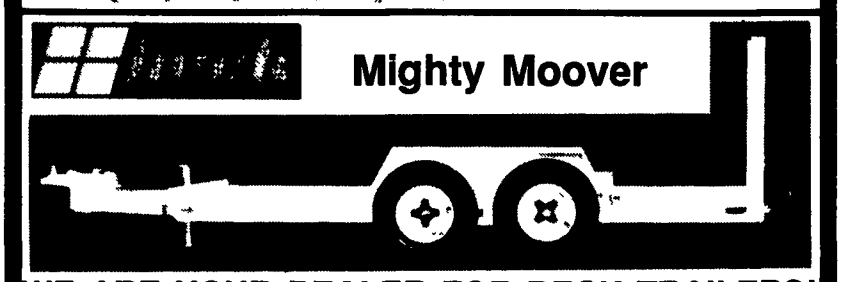
133 Rothsville Station Rd.
Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours
Mon.-Fri. 7 AM - 5 PM
Sat. 7 AM - 11:30 AM
Sun. Closed - Father's Day
After 5 PM
EMERGENCY PARTS DEPT. (717) 626-0885 (717) 933-4753 (717) 273-5673

RHINO ECONOMY MOWERS

Stop In For Quality!

IN STOCK
5 Foot
6 Foot
7 Foot
Quality At Reasonable Prices!

Mighty Moover



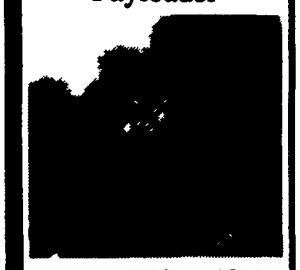
WE ARE YOUR DEALER FOR BECK TRAILERS!
Available With Surge Brakes

Here It Is!

Massey Ferguson Model 250 Industrial w/Hydro. Trans. & Diesel Engine Just Rebuilt In Our Shop UT 1837

ONLY $4,850

Owatonna 1½ Yard Loader Articulated Diesel Payloader



Powershift w/Cab And 4 Wheel Drive UT 1898

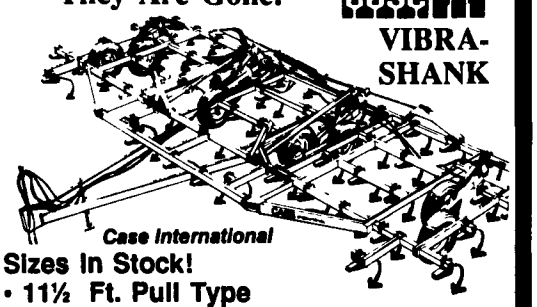
ONLY $14,800

If You Don't Like To Drive Over Your Un-Mown Turf, We've Got A 60" Front Mount 60 FMS Mower To Fit Your Case IH 235 Tractor.

List Price Over $1,517
Special Sale Price
$1,370
On Only One NC 2533

Your Summer Fall Seeding Tool Is Here! Limited Quantity - Take Your Pick Before They Are Gone!

Case IH VIBRA-SHANK



Sizes In Stock!
- 11½ Ft. Pull Type
- 13½ Ft. Pull Type
- 14½ Ft. Pull Type
- 15½ Ft. Pull Type

Wing Model With Specially Designed Narrow Fold For Easy Transporting

Don't Wait, Most Sizes Are One Only In Stock At Special Prices!

Pay Only $8,000 For A New 10 Ton HEAVY DUTY AIR BRAKES 10 HA

Capacity 20,000 lbs at 54 MPH
Trailer Weight 5,800 lbs
Overall Length 27'5"
Overall Width 96"
Deck Length 22'
Deck Width 96"
Deck Height 33½"
Tires (8) 8.75x16.5(E)

In Stock!

12 TON HEAVY DUTY AIR BRAKES, 12 HA
Eager Beaver

Capacity 24,000 lbs at 54 MPH
Trailer Weight 6,200 lbs
Overall Length 27'6"
Overall Width 96"
Deck Length 22'
Deck Width 96"
Deck Height 32½"
Tires (8) 9.00x14.5(F)

---

9 TON HEAVY DUTY BRAKES 9 HDB

Capacity 18,000 lbs at 60 MPH
Trailer Weight, 5,550 lbs
Overall Length 27'6"
Overall Width 96"
Deck Length 22'
Deck Width 96"
Deck Height 33½"
Tires (8) 8.75x16.5(E)

Call For A Special Deal!

Pay Only $4,640 For A New General Eager Beaver 9 TON DECK-OVER WHEELS 9 DOW

* 60 Mo. Lease Subject To Credit Approval

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

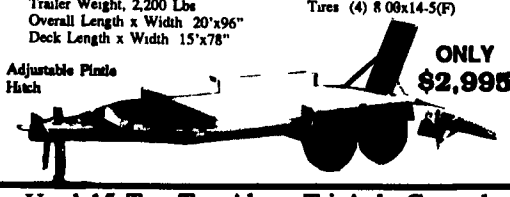
---

General Eager Beaver - SPECIAL OFFER - 5 TON ALL-PURPOSE TRAILER AP10

Capacity, 10,000 Lbs At 60 MPH
Trailer Weight, 2,200 Lbs
Overall Length x Width 20'x96"
Deck Length x Width 15'x78"
Deck Height 24"
Tires (4) 8.00x14-5(F)

ONLY $2,995

Adjustable Pintle Hitch



Used 15 Ton Tag-Along Tri-Axle General Eager Beaver Trailer With Electric Brakes, Beaver Tail & Ramps - **ONLY $4,900**

Demonstrator 3 Row Narrow Cornhead With Big Demo. Disc - 1 ONLY - Don't Miss It! *Stop In And See NOW!*

Used 3 Axle Tag-Along Trailer - 18,000 GVW

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

133 Rothsville Station Rd.
Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705

Mon. thru Fri. 7 AM - 5 PM
Sat. 7 AM - 11:30 AM
Sun. & Holidays Lord's Day

AFTER 5 PM,
EMERGENCY PARTS DEPT. (717) 626-0885, (717) 9[illegible]

FOR SALE

MF 1085 good rubber, clean tractor
MF 1080, 1971 model, good rubber, clean tractor
MF 175 diesel, multi power, 16.9x28 rubber
MF 175 diesel, 6 spd., engine overhauled, good rubber
MF 178 diesel, good running tractor
JD 60 w/3 PT Hookup, good rubber
MF 65D, NF
MF 510 combine w/cab & air, 13' cut, late model
MF loader w/bucket
MF front end weights for late model tractor
Engine parts for 478 GMC diesel.
2 new 6 cyl. Hercules crank shafts
MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 165, 175, 180, 1130, 1135

Jonas W. Nolt
403 Centerville Rd., Newville, PA 17241
717-776-6242 No Sunday Calls

DEPENDABLE MOTOR CO.
East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

USED EQUIPMENT

NH 519 Spreader
NH 822 Corn Head
NH 276 Baler
NH 320 Baler
Peerless Ear Corn Grinder-Blower, Excellent Condition

DEALER FOR Roskamp

Ford FORD NEW HOLLAND
JAMESWAY

TRACTORS

AC 190 Dsl., WF, 3 pt.
IH 856 Diesel, WF, 3 pt. 38" rubber, rebuilt engine, needs TA work
Farmall C, WFE w/cultivators
Farmall M, good

HAY EQUIPMENT

NH 469 Haybine, good $1,200
NH 55 Hay Rake
NH 256 Rake
NI 24' Baler & Grain Elevator
NH 271 Baler w/thrower, good
NH 275 w/thrower
NH 269 baler, super sweep pickup w/chute, w/ or w/o engine, nice
MF 124 baler w/chute, late model
NI 299 9' haybine $900
AC 904 haybine $350
NI 290 9 ft. haybine $450
NI 36' Grain & Bale Elevator $800
NH 276 Baler w/thrower
NH Super 69 Baler w/Chute $750
Oliver 520 Baler w/Thrower, nice
Hesston PT7 haybine, 7 ft., nice
IH 990 9 ft. haybine $750
BALERS FOR PARTS
HAYBINES FOR PARTS

MISCELLANEOUS

JD 1630 12' plowing disc
IH #37 8' wheel disc
Gehl 99 Hi-Throw Blower
Badger 3 Beater forage wagon w/roof w/McCurdy 12 ton gear

KEITER'S USED FARM MACHINERY
Robert L. Keiter
Halifax, PA 17032 (Carsonville)
(717) 362-9096 We Ship UPS!

THE ORIGINAL MULCHING MOWER

Don't remove your grass clippings...fertilize your lawn!

Only $20.00 PER MONTH

- 4 HP B&S Max Engine
- Self-Propelled
- Optional Bag
- Grip'N'Go Controls

No Bagging... No Raking

Model 8653

Model 8624

- Big 22" Cut
- Adjustable Handles
- 3.5 HP B&S Quantum Engine

See The Bolens Equipment Display & Demonstration At AG PROGRESS DAYS At Our Exhibit Located On West 2nd Street

3 YEAR LIMITED NO FEAR WARRANTY

TAKE THE PERFORMANCE Challenge

*At participating dealers only
Limited number of rebates available Offer ends November 1 1989
Offer applies to NEW equipment purchased between 6/16 & 11/1
Rebate amounts vary depending on model

520 N. Reading Rd., Ephrata, PA 17522

Rte. 272 Near Green Dragon Farmers' Market

BINKLEY & HURST BROS. INC.
LAWN & GARDEN CENTER
717-733-3530

STORE HOURS:
Mon. & Fri. 8 AM - 8 PM
Tues., Wed. & Thurs. 8 AM - 5:30 PM
Sat. 8 AM - 2 PM

HIGH PERFORMANCE SINCE 1911 **Bolens**

For Sale or Rent

Roskamp 30" crusher roller mill for high moisture corn. Blower discharge for silo filling. Call Ben Kreider

(717) 394-3752
evenings

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717 Combine
NH 518 Manure Spreader
NH Model 256 Rake excel. cond.
Farmhand Wheel Rake
Good Used Lawn and Garden Tractors and Mowers
Good Used Snapper heads for uni-system 3 or 4 row

ROY H. BUCH INC.
Ephrata
717-859-2441

J.L. HOLLINGER & SONS, INC.
Rt. 72 North, Manheim, PA
717-664-2444 or 717-665-2354

Ford CL45 skid loader, very good condition $6,750
Case 580C tractor loader backhoes.....Starting At $10,500
Ford 535 Tractor loader backhoe, diesel engine, runs & operates good $8,900
AC 21 ft. rough terrain forklift $8,900
Ford 4500 tractor loader backhoe 1 w/ROPS $8,500
1977 Ford 535 Tractor Loader, 3 pt. & live PTO $6,500

MF 1135
Exc. Rubber
$4,000
Belmont Farm
301-833-9091

Huber Maintainer- Gas- Doughnut Tires
Very Reasonable For Only
$3900

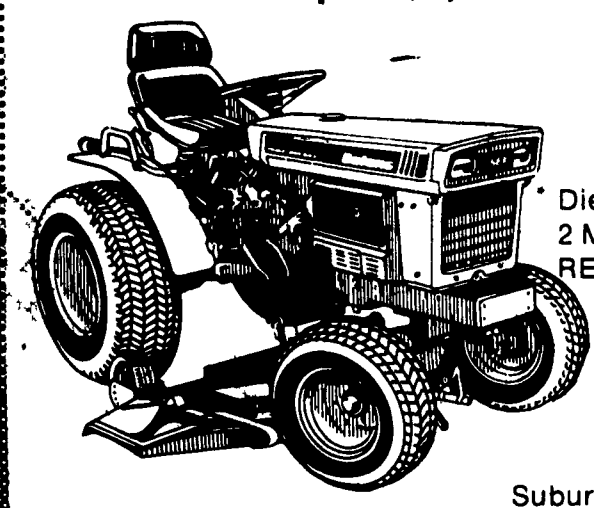
Wengers, Inc.
251 S. Race St., Myerstown, Pa. 17067
717-866-2135 1-800-451-5240

Bolens Announces Up To: $1,000.00 Cash Back

Factory Rebate*

ACT NOW! ONLY A LIMITED NUMBER OF REBATES AVAILABLE

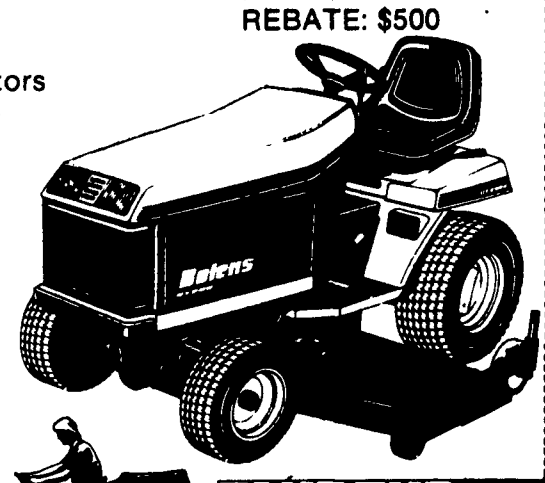
- **See Your Bolens Dealer Today!**
- **Make Your Best Deal on a BOLENS Tractor!**
- **+ GET up to $1,000.00 CASH Back from Bolens!**



Diesel Tractors
2 Models
REBATE: $1,000

Rear Engine Rider
3 Models
REBATE: $75

DuraTrac Tractors
3 Models
REBATE: $500



Suburban Tractors
12 HP and Up +
REBATE: $200
Model 3010G & 944M $100

TAKE THE PERFORMANCE Challenge

*At participating dealers only.
Limited number of rebates available Offer ends November 1, 1989.
Offer applies to NEW equipment purchased between 6/16 & 11/1.
Rebate amounts vary depending on model

3 YEAR LIMITED NO FEAR WARRANTY

520 N. Reading Rd., Ephrata, PA 17522
Rte. 272 Near Green Dragon Farmer's Market

BINKLEY & HURST BROS. INC.
LAWN & GARDEN CENTER
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Mon. & Fri. 8 AM - 8 PM
Tues., Wed. & Thurs. 8 AM - 5:30 PM
Sat. 8 AM - 2 PM

See The Bolens Equipment Display & Demonstration At AG PROGRESS DAYS - Located On W. 2nd St.

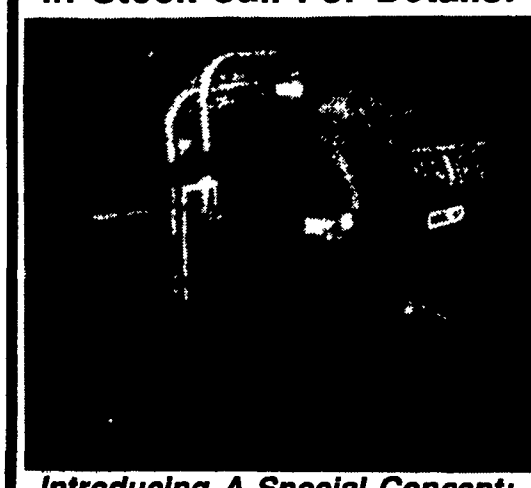
HIGH PERFORMANCE SINCE 1911 Bolens

Binkley & Hurst Bros. Inc. Is Your Dealer For Quality

"BETTER-BILT" EQUIPMENT

See On Display At Ag Progress Days - Located On W. 2nd St.

We Are Still Your Better-Bilt Dealer For Sales, Parts And Service With 2 Tankers In Stock-Call For Details!

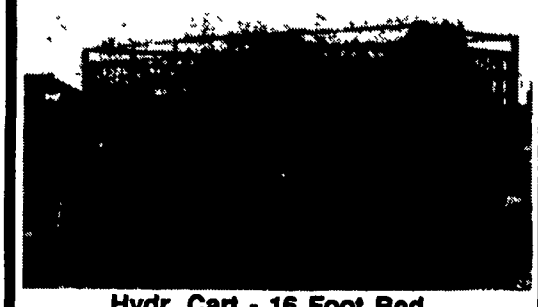


Introducing A Special Concept:
Hydro-Flow Spreader - Top Fill With Hydr. Drive - Impeller With Excellent Agitation Of Dairy Or Other Heavy Manure
HST 3000 Gal., 16.5x16.1 Tires, Tandem Axle -
$9,100 Or Lease For $309/Mo.*

Also In Stock:

1500 Gal. Vacuum With PB3 - 540 RPM Pump, Open Rear Door, Single Axle With 19.5x16.1 Tires, 4" Fill Port-
$6,900 Or Lease For $234/Mo.*

The "BETTER-BILT" Way To Move Your Livestock From Barn To Barn - *IN STOCK!*

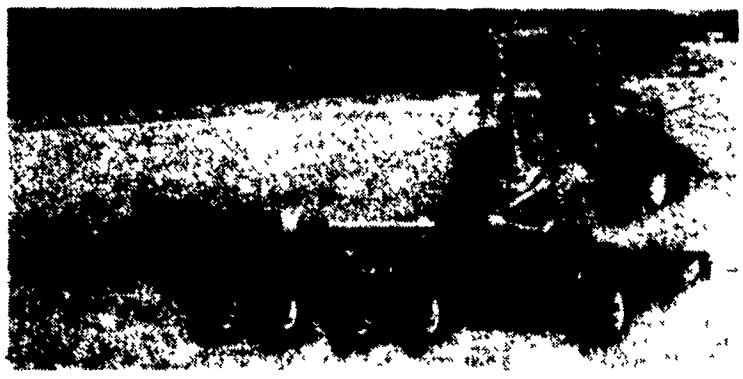


Hydr. Cart - 16 Foot Bed
$3,275 Or Lease For $111/Mo.*

*Subject To Credit Approval

BINKLEY HURST BROS. INC.
130 Rothsville Station Rd
Lititz, PA 17543
(717) 626-4705

See On Display At Ag Progress! **BUSH HOG®** 2615 SERIES ROTARY CUTTERS 15' CUTTING WIDTH In Stock At Our Lititz Store!



Highway travel is easy with Bush Hog Flex-Wing Rotary Cutters. Transport widths to 8' (on 2615, 2610 Series). Access through gates or along narrow roadways is no problem. Safety latches and pins secure the wings for safe transporting.

DICKEY-john TRI-GRAIN™
Grain Moisture Tester

List - $199.00

SALE $175.00

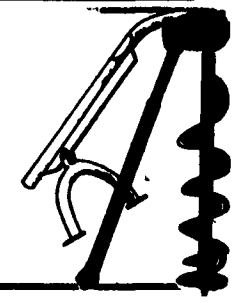
Tri-Grain measures the moisture content of your grain automatically. It weighs the sample and automatically compensates for grain tempereature. Just turn the unit ON, select the desired grain, and slowly pour your grain into the test cell. The measurement cycle begins automatically when the proper weight of grain has entered the cell. If your selected grain was corn; wheat, or soybeans, read the temperature-compensated moisture content directly when display stops flashing. For other grains, refer to the calibration charts provided with each Tri-Grain.

LS Pacer 3 Pt. Landscraper
A Tool That Really Works!

Ripper Spikes In Front, Level Blade & Rear Roller, Aggressiveness Is Adjusted By Top Link Adjustment-Model Shown Is 8 Feet Wide No. 3600

SPECIAL ONLY $765

Come & See Our New Shipment Of **POST HOLE DIGGERS**
Economy & Heavy Duty Models



In Stock - One Only! **NEW DUNHAM CULTI-PACKER**

12 Foot Model With Or Without Transport Kit

See In Action At Our W. 2nd St. AG PROGRESS DISPLAY

Looking For Zero Turning Radius? You've Got To See And Test Drive A Ferris.
All New 20 HP Hydrostatic Drive
FERRIS

"Commercial Quality At Home Owner Prices"

Ferris Mowers Do It All! If You Have Steep Areas To Mow, You Need This

61" MOWER DECKS DO FAST WORK

Mower deck floats independently from the attached operator compartments, eliminating most skipping and scalping.

"DAYTON" Totally Enclosed Fan Cooled Farm Duty Electric Motors

ELECTRIC MOTOR
Prices Effective 7/28/89

	List	SALE
½ HP	$101.50	$83.60
½ HP	$107.68	$88.68
¾ HP	$127.80	$105.25
1 HP	$137.45	$113.20
1½ HP	$181.68	$149.62
2 HP	$229.45	$188.96
3 HP	$280.82	$231.27
5 HP	$395.27	$325.50
7½ HP	$516.61	$425.45
10 HP	$636.81	$524.45

THE HEAVY DUTY GRAIN MOVERS ARE HERE!
Factory Direct Prices - Buy From Us!
We Stock Heavy Duty MY-D HAND-D GRAIN AUGERS
Prices Include Setup, Ready To Tow Away!
HEAVY DUTY PTO DRIVEN

- 8"x46'
- 10"x61'
- 10"x65'

Other Sizes & Models Available

PTO Drive With Downspouts And Hoppers

They Are Here! Place Your Order NOW!

The Quality Is Good

If You Do Crop Spraying... YOU NEED THIS!

HOW MUCH DO YOU VALUE YOUR HEALTH?

See Our Parts Dept Today For More Information On The Best Protection You Can Buy Against Pesticides, Dust, Etc.

KASCO PROTECTIVE HELMETS
World Leaders In Protective Helmets For Agricultural Use

In Stock:
- K80 S-T1 Helmet List $473.00 SALE $449.35
- KOMPAT 6 Self-Contained Helmet $362.25

Don't Wait... Call Our Parts Dept.: (717) 626-4705

All Kasco Helmet Systems Come Complete, Ready To Operate And With A 12-Month Limited Warranty

For Orchard And Field Use

BUY NOW AT PRE-SEASON PRICES!

If You Want A Beefy Loader - Tractor Combination, You Need A Case IH

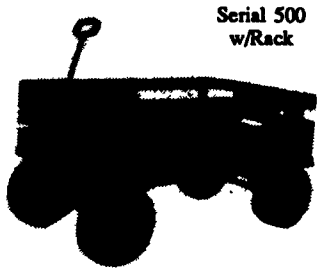
TRUCKLOAD SALE ON ALL LOADERS IN STOCK!

Case IH Model 5QA For Compact Tractors Up To 18 HP
Case IH Model 7QA For Compact Tractors Up To 24 HP
Case IH Model 2200 For 35 And 42 HP Tractors
Case IH Model 2250 Mount-O-Matic For 52 to 62 HP Tractors
Case IH Model 56L Quick-Attach To Fit Case 1290 And 1390 Tractors & Case IH 1194, 1294 & 1394 Tractors From 43 HP To 65 HP
Case IH Model 710 to Fit Case IH 710 Series Magnum Tractors

Stop In Now For Our Cash & Carry Truckload Sale!

RIDE AWAY ON A QUALITY SPEEDWAY EXPRESS WAGON

Serial 500 w/Rack



- 5/8" Ball Bearings with 10"x410/350 Wheels
- Bed Size 22x40
- Load Cap. 1000 lbs.

SALE PRICE..... $149.95

SERIES 560 TANDEM w/RACK

- 5/8" Ball Bearings w/10"x 410/350 Wheels
- Bed Size 24x48
- Load Capacity 1000 Lbs.

SALE PRICE..... $237.00

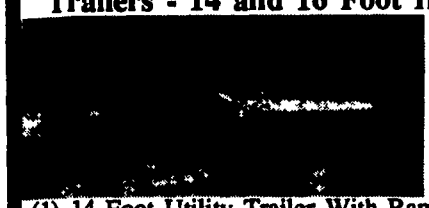
Four Sizes In Stock: $52 To $237

BINKLEY HURST BROS. INC
SALES - PARTS - SERVICE

133 Rothsville Station Rd
Lititz, PA 17543
(717) 626-4705

See Our Display At AG PROGRESS DAYS - Located On West 2nd Street!

Discount Specials On Limited Quantity Custom Fab Tagalong Trailers - 14 and 16 Foot In Stock



Budd Wheel Tandem Axle

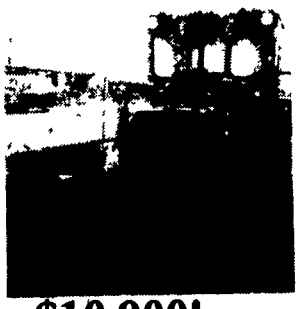
(1) 14 Foot Utility Trailer With Ramps
Was ~~$1,900~~ - **One Only Special $1,695**
(2) Available 16 Foot Utility Trailers With Ramps - Was ~~$1,975~~
SPECIAL ON 2 ONLY - Each $1,775

Allis Chalmers Diesel Forklift

Model 500, 10 Foot Lift, UT 1827
SPECIAL
~~$7,900~~
Get A Super Lease With Purchase Option Plan And Save Your Cash & Tax Dollars!

— SAVE $1,000 —
IH Dresser 500C Crawler Loader

With Rops Cab & Lights, Operator's Manual & More UT 2006, 3 Cylinder Diesel Engine With Good U.C. 3107 Hrs., Power Shift
Only ~~$11,900~~ For This Quality Machine

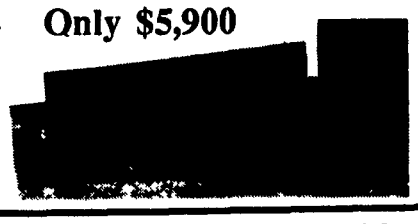


Now Pay Only $10,900!
Save Your Cash - Lease With Purchase Option!

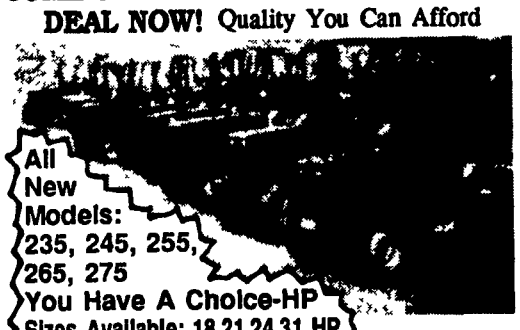
Good Used 45' Flat Bed w/Bulk Head
Good 10.00x20 Rubber, Slider Tandems

Available - Almost New Side Kit With Tarp & Bows

Only $5,900



COME & MAKE A GOOD PRE-SEASON DEAL NOW! Quality You Can Afford



TOUGH COMPACT DIESELS
For Your Mowing, Towing, Lifting, Loading, Pushing, Pulling And All Around Chroring Needs.
The New Case IH Design Keeps You Going
New Case IH Loaders, Front-Mount Dozer Blades And Mower Decks In Stock

SPECIAL OF THE MONTH
Cash Or Lease Special - Only
~~$25,800~~

IH 5088, Rated 136 HP, UT 1765, Good Rear Tires (Including Duals), Triple Hydraulic Outlets, Cab, Air, Heater, Good Trans., Good Engine - "A Good Tractor"

Gehl Model 2600 Hydrostatic Skid Loader
UT 1807
Approx. 26 HP, 1977 Model
~~$3,900~~
~~$3,500~~
MAKE OFFER!

Case 850B Crawler Loader, w/ROPS, GP Bucket w/Teeth
Cash **$23,900**
Or Lease For **$804/Mo.***

1987 Takeuchi TB800 18 HP, 3 Cyl. Diesel, 890 Hrs.
Cash **$15,900-**
Make Offer!
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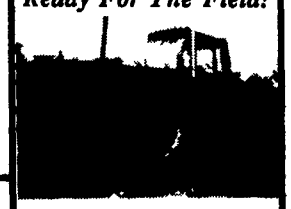
IH 2+2 Model 3588, 1979 With 20.8x38 Radial Tires
Ready For The Field!



3 Remote Hydraulic Outlets, Single Shaft 1000 RPM PTO, Good Tight Tractor!
Price Is Reduced To Save A Bundle -
Let's Make A Deal!

IH 1086
Red Stripe w/Cab, Air & Heater,
Ready For Work!

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Price Reduced!

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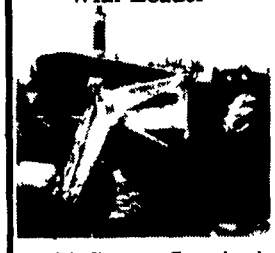

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SAVE $1,000!
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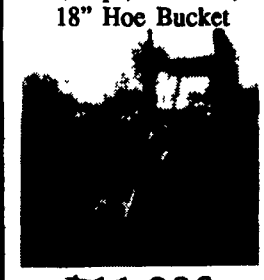
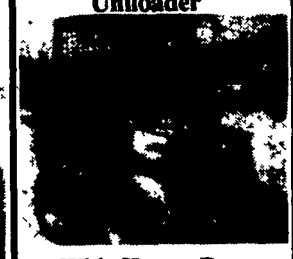


~~$11,900~~
Means You Pay Only $10,900
Get A Special Lease Plan And Save Would-Be Tax $$$

Case 1835 Diesel Uniloader



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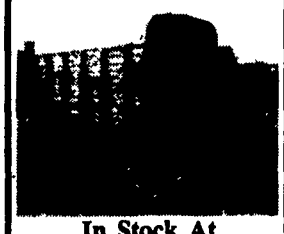

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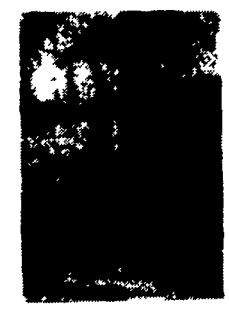

John Deere 480B Forklift w/21' Mast, Low Hrs.
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Or Lease For **$399/Mo.***

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1982 Case 586D Forklift, 6000 Lb. Lift, 21' Mast w/ Side Shift & Tilt
$15,900
Or Lease For $539/Mo.*

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22 HP Diesel, 317 Hrs.
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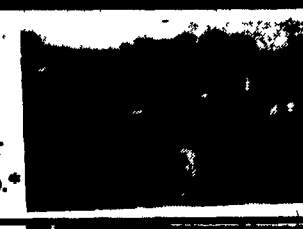

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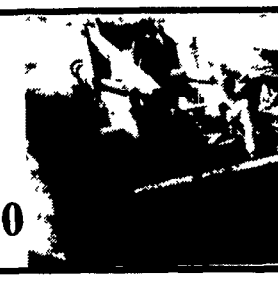

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AC 7060
MF 2745
AC 200
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Kubota L3750 w/Ldr.
Kubota L225 w/Broom
Kubota SOLD w/Mower
Kubota B7100
Farm H w/Mower
Kubota B 7100 w/Blade and Mower
MF 1450
730 CK

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Case 680C
Ford 555A
MF 1035
JCB 1550, 4WD
JD 310
JD 400
Arps 90 Backhoe
David Brown w/Wain Loader and Hoe

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(1) NH 1495 Haybine
(2) NH 495, 12'
Gehl MC1090
(1) NH 479

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NH 519
NI 220

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Woods LM59
Toro Commercial
Deutz-Fahr Drum
Boom Axe Side Mount
Disc Mower

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(1) NH 258
Vermeer Rake
NH 55

MISCELLANEOUS
NH L425 Skid Loader
NH 357 Grinder Mixer
NH 445 Skid Loader w/Bucket
NH 778 Skid Loader
IH 1050 Grinder Mixer
Vermeer TS30 Tree Digger
Toro Sweeper
Horse Trailer
IH 1550 Trip Bucket
NH 1010 Bale Wagon
Moore Drill
NH #8 Wagons

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AC G440 Corn Head
AC 430 Head

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(2) DA385
(2) AC 600 4R no-till
(1) AC 600 6R no-till
Int. 400 Air Planter

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NH 892 w/2 Heads
(2) NH 890 w/880W & 822
NH 770 w/822 C.H.
Hesston Side Dump
Lowe Harvester
Hesston 3R Cornhead

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AC 410 Tractor
AC B112
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Homesteader 208
Sea SOLD -36
Ford Lawn & Garden w/ Mower
Case 446 w/Mower
JD 112 w/Mower
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Ford TW20 Cab Air 20x38 Radials, 1990 Hours Excellent
Ford TW15, 4WD, cab and air, 1800 hrs., excel.
Ford 8210, cab, air, syncro mesh, 500 hrs., like new
Ford 8210 cab, air, 4WD, low hours, like new
Ford 7710 factory, cab, air, dual power, very nice w/Ford 777 B loader
Ford 7700 cab, air, 4 WD, 2500 orig. hrs., excellent
Ford 7700, 2 WD, 2 remotes, dual power, nice cond.
Ford 6600 row crop, dual power
Ford 5610, 4 WD, 2 remotes, 2 pumps, weights, extra nice
Ford 4610 4 WD w/778 D QT Ldr., excellent, 1600 hrs.
Ford 5000 1975, Dual Power 1900 Hours, Turbo, NICE
Ford 5000 Diesel, 1968, 2700 actual hours, excellent
Ford 5000 1970 Diesel, 8 Spd. Good Condition
Ford 4000 Gas 8 spd. PS, good cond.
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Ford 2000 Gas w/ldr., power steering, 6 SP w/Ldr.
Ford 601 Gas, 5 Spd., New Tires
Ford 601 Gas 45 P Power steering, original
JD 4440, 1980 20x38 tires, weights, 3300 hours, QR, very nice
JD 4430 cab, air, quad, very nice
JD 3010 Gas, WF, Good Cond.
JD 2940 3200 Hours, Nice Cond.
JD 2020 Diesel roll bar and canopy, good cond.
Oliver 88 gas, clean and original

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JD 1240 4R plateless planter, dry fert., good cond.
JD 1240 4R plate Planter, double disk openers, insecticide boxes, nice
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MF 9 tooth 3 pt. chisel w/gauge wheels, nice
Case 7 Tooth, 3 pt. Chisel adjustable gauge wheels, new paint and shovels
Case 308 4x16 spring reset plow, coulters, gauge wheel, excel. (White 508)
Ford 151, 4x18 Spring Reset Plow, w/coulters, (White 508)
Oliver 3x16 Cushion trip, semi-mount plow, excellent
IH 370 11' Disk, excellent
Kewanee 12' cultimulcher, late style, inside wheels, very good
JD 220 20' centerfold disc, black gang, 20" deepdish blades, excellent
Glenco 12' field cultivator, 3 pt., w/gauge wheels
Glenco 12' field cultivator, pull type

USED FORAGE EQUIPMENT

NH 892 w/900 pickup, 824 corn, electric controls, almost new
NH 892 w/auger base pickup and corn head, elect. controls, metal alert, very good cond.
NH 770 w/2RW corn, pickup, excellent
NH 707 3 pt. chopper, both heads, excellent
Fox Maxi one, self-propelled harvester, diesel, hydro, 4 WD, 3 RN, low profile, works excellent
Lamco, 2 beater wagon w/roof, new 10 ton gear w/new tires, very good
Papec, 3 beater wagon w/roof tandem, gear, works good (Dion unit)
JD 3960, 2 RN, 7' pickup, elect. controls, nice

USED HAY EQUIPMENT

NH 256 Rake with dolly wheel
NH 258 Rake w/rubber teeth
NH 273 w/thrower
NH 269 w/thrower
NH 276 w/thrower, excellent
NH 320 w/#58 Thrower, good condition
NH 311 w/bale chute, excellent
NH 310 w/#70 Thrower, very nice
NH 848 Round Baler, 1 yr. old, excellent
NH 477, 7' Haybine
NH 467 7' Haybine
NH 489 Haybine, very nice
NH 495 12' haybine, good condition
NH 479 Haybine
NH 499 12' hydro swing, excellent
JD 1209 Haybine late model
JD 640 rake w/dolly wheel
Vicon Disc Mower Conditioner, Excellent
NH 846 round baler, very nice
NH 847 round baler, excellent

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NH 880W Hay Head
NH 880 2 RW Corn
JD 2RW w/clutch
JD 2RN w/clutch
NH 7770W hay head
Gehl TR 3038 2RN Corn

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JD 450C 6 Way Dozer

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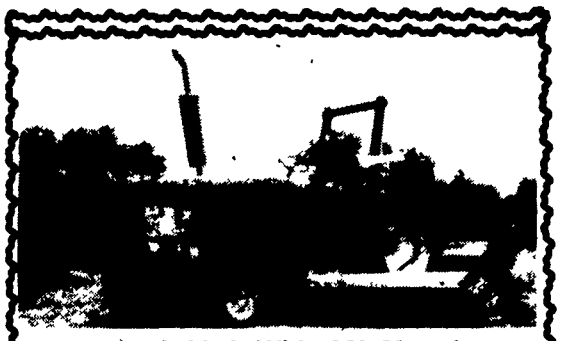

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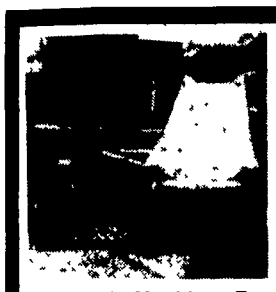

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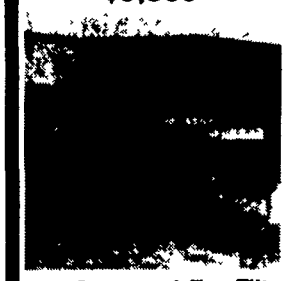

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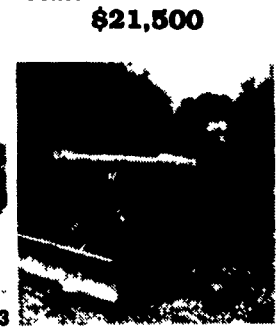

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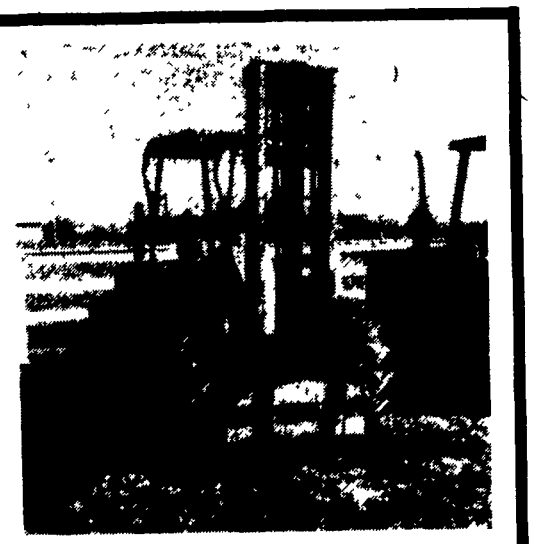

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** **MC 9' flail chopper** **$1,595**
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* **NH 1890 snapper head, 3 row wide** **$1,850**
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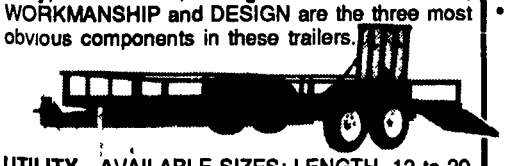
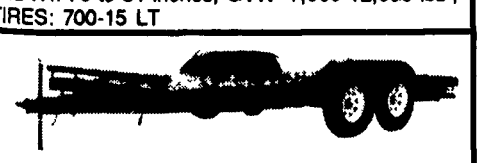


UTILITY - AVAILABLE SIZES: LENGTH. 12 to 20 feet
WIDTH: 76 to 81 inches, GVW· 7,000-12,000 lbs , TIRES: 700-15 LT



FLAT BED 2-5/16" coupler, and self storing 80" long ramps AVAILABLE SIZES: LENGTH 14 to 18 feet, WIDTH: 76 to 81 inches, GVW: 8,000 lbs., TIRES: 700-15 LT

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- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4½ '-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 7' to 12'

Over 200 Trailers In Stock Starting At $495.00

50 Different Models Available

DEALERS WANTED
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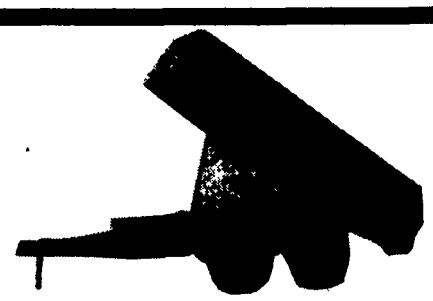
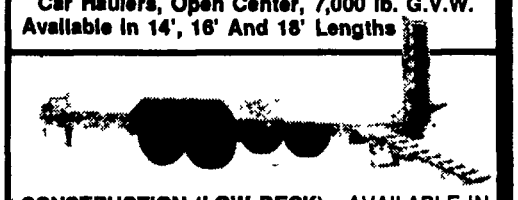
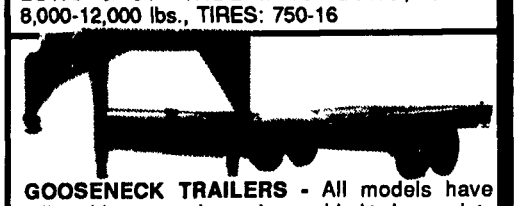


Box Dump

Car Haulers, Open Center, 7,000 lb. G.V.W. Available In 14', 16' And 18' Lengths



CONSTRUCTION (LOW DECK) - AVAILABLE IN DROP-AXLE, AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG, GVW· 8,000-12,000 lbs., TIRES: 750-16



GOOSENECK TRAILERS - All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over models. AVAILABLE SIZES: LENGTH: 18 to 28 feet, GVW: 12,000-20,000 lbs , WIDTH. 76 to 96 inches, TIRES: 750-16 LT, E235X16 R

CONSTRUCTION (DECK-OVER) - All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack. AVAILABLE SIZES LENGTH: 18 to 24 feet, WIDTH: 8 feet, GVW: 12,000-20,000 lbs., Eight (8) lug brake axles with 750-16 tires.

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25 In Stock - Will Sell Cheap - $500 & UP!

4,000 Lb. Pettibone, 4WD, Gas, 21' lift, side shift, very good condition $6,500
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COMBINES

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JD 4400 ..... $ 8,000
JD 643 Corn Head ..... $ 7,500
JD 444 Corn Head ..... $ 4,500
JD 443 Corn Head ..... $ 5,500
JD 244 Head ..... $ 2,800
JD QT 16' Head ..... $ 1,200
JD 6620 Side Hill, 215 Flex. $39,000

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JD 8300 21x7 ..... $ 2,800
JD 7000 6R, Cons. Dry ..... $ 4,500
JD 6R Consv. Liquid ..... $ 6,500
JD 6 Row Cons. Dry ..... $ 7,500
JD B Drill ..... $ 1,500

TILLAGE

JD 950 10 Ft. Roller Harrow ..... $ 3,300
F845 2 Way Plow ..... $ 2,500

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JD 30 Potato Digger ..... $ 1,500
IH 720 Harvester w/2 Heads ..... $ 2,500
NI 324 Corn Picker w/329 Sheller ..... $ 3,700
JD 40 Spreader ..... $ 1,800
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JD 1209 mower conditioner
JD 2600 plow 5 bottom
JD 7000 Planter 4R

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Case-IH 235 AWD
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Case-IH 385, 35 hp
Case-IH 485, 42 hp
Case-IH 685, 4WD
Case-IH 685, 62 hp
Case-IH 885, 72 hp

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Case-IH 475 12' Disk Har.
Case-IH 415, 12' Packer Mul.

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Case-IH 900 4R Plate Planter

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Case-IH 2250 Loader
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Case 1825 D Uni-Loader
Case-IH 560 Spreader

NEW HAY & FORAGE EQUIPMENT

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USED TRACTORS & EQUIPMENT

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IH F-M Tractor $1500
IH F-M Tractor $1000
IH F-Cub Tractor w/Imp. $2150
IH F-BN Tractor $1150
MH 44 Tractor $750
Hesston 1014 + 2 hydro. swing $5850
NH 479 Haybine $1350
IH 5 Flail Chopper $950
IH 843, 4RN Corn Head $2650
IH 863 6RN Corn Head $5850
IH 710 5F 16" Plow w/Cyl. $1650
Badger For. Wagon w/roof ... $2350
IH 110 For. Wagon w/Roof .. $1250
IH 400 4R Planter $1150
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IH 56 4R Planter $950
5th Wheel Wagon Chassis $485
IH 1150 Grinder Mixer $1250
IH 540 Spreader, End Gate . $1500
NH 28 Forage Blower $850
IH 350, 12' Disk $1150
IH 510, 13x7 SD Drill $1500
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Ford LT8
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#1934. Ford 2000
#1932. Ford 3000
Ford 3000
#1898. Ford 3600 w/PS
Ford 4000
Ford 4000 w/730 Loader
Ford 5000
#1937. Ford 6500 Tractor Loader Backhoe
#1935. Ford 6700 w/Cab & Air
#1944. Ford 8600 w/Cab
Ford TW20, 4WD w/Cab
JD 60
JD MT
#1953. JD 920 Diesel
#1955. IH 474
#1950. IH 574
#1952. IH 674
#1936. IH 856
#1942. IH 886 w/Cab & Air, Excellent Condition
IH 986 w/Cab
Ferguson 20
Ferguson 30
Ferguson 135 Diesel
MF 10 H.P. w/Mower
MF 135
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Mitsubishi 160, 16 H.P. w/Loader
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Long 510
AC 20 H.P. Lawn & Garden w/60" Mower Deck SOLD

OTHER NEW TRACTORS

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Long 610, 4WD
Mitsubishi 372, 15 H.P.
Kioti 17 H.P., 4WD
Kioti 22 H.P., 4WD
Safemark Baler Twine- $17.50/Bale

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JD 4050 Dsl., Powershift Fender Tractor
JD 4240 Dsl., Cab & Air, Powershift, 1800 Hours
1982 JD 2440 Dsl., Hi-Lo, Ind. PTO w/145 Ldr., Very Nice
1977 JD 4230 Cab & Air, QR
JD 4440 Dsl., Cab, Air, QR, 20.38 Rubber
1977 JD 4430 Dsl., Cab & Air, Quad Range, Very Nice
JD 4240 Dsl., Cab, Air, Quad, 2000 Hrs., One Owner, Clean Tractor
JD 4320 Dsl., WF, Dual Hydraulic, Very Nice
JD 2940 Dsl., 1800 Hrs., 4x4, Excellent
1982 2640 Dsl., Hi-Lo, Ind. PTO, Loader Available
IH Farmall Cub, Late Model
IH 3088 Dsl., 640 Hrs., Excellent Cond.
IH 1066 Dsl. Fender Tractor, Dual Hyd., PTO
IH 986 Dsl., Cab & Air, very nice
IH 766 Dsl., Black Stripe, w/Cab, Dual Hyd., Dual PTO, Low Hours, Excellent
IH 230 w/Fast Hitch
MF 2675 Dsl., Cab & Air, 24 Speed Power Shift, 18x38 Radials, Quick Coupler, Very Nice
MF 1085 Dsl. Cab & Air, Very Clean Tractor
MF 285 Dsl. w/Roll Guard & Canopy, Low Hours, Very Nice

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JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 444, 4RW
JD 444 4RW Oil Bath
JD 643, 6RN Low Profile
JD 6 SOLD R 30
JD 235 2RW 55
IH 844, 4RW
IH 843 4RN
MF 44, 4RW Corn Head
MF 1144, 4RW Corn Head
MF 1143, 4RN, Like New
MF 1163 Corn Head
AC 438 SOLD Corn Head
AC 430 Black, Like New

TRACTORS w/LOADERS

JD 260 Ldr. to Fit 2840-2950
NH L225 Skid Loader
IH 2350 Quick-Tach Loader

HAY EQUIPMENT

JD 3960 Harvester w/2R Corn Head & Electric Controls
JD 5460 Harvester, Cab, Air, Hydro, 4WD, Very Good Condition
NH 855 Round Baler, Excellent
NH 851 Round Baler, Very Nice
NH 849 Round Baler, Like New
NH 845 Round Baler w/Auto Wrap
NH 488 9' Haybine, Excellent Cond.
NH 315 Baler w/Thrower
NH 472 7' Haybine, Cut 50 Acres, Excellent
JD 5½ ' Hay Pickup
JD 347 Wire Baler w/30 Ejector
JD 483 4RN Stalker Head
New Farmco 18' Steel Side Hay Wagons
NI Hay Crusher
NH 259 Hay Rake
NH 275 Baler w/Thrower
NH 1037 Bale Wagon, Tandem Axle, 105 Bale Capacity, Very Good
Grimm Hay Tedder, Ground Driven

TILLAGE

JD 1450 5x16 Plow
Brillion 10' Pull Type Chisel Plow
IH 710 5x18 Spring Reset Plow
IH 710 5 or 6 Base Spring Reset Plow, On-Land Hitch
IH 720 5x16 Spring Reset Plow
IH 450 4 Base Spring Reset Plow
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Landoll Soil Finisher (New)
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IH 16 Ft. 3PT Wingfold Field Cultivator
Brady 18 Ft. 3PT Hyd. Fold Field Cultivator
JD 12' Cultipacker
Neimeyer 10' Power Harrow, Excel. Condition
Kewanee 12' Finishing Disc

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1981 Gleaner F2 Dsl. Corn, Soybean Special, 1079 Hrs., Cab & Air, 23" Rubber, 13' Grain Platform
1978 JD 4400 Dsl. Cab, Air, Fully Equipped, One Owner Clean Machine
Gleaner F Dsl. w/Cab, 13' Grain Platform, 4R Cornhead, Local Trade
NH 489 9' Haybine
JD 1209 Mower Conditioner
Ford 3910 Tractor, 98 Hrs., Like New
JD 643 Cornhead

GRINDER MIXERS

Gehl 120, Very Nice
Gehl 65 Grinder Mixer, Very Good
NH 355, Hyd. Drive
NH 355, Excellent Condition
NH 352, Late Model

CORN PICKERS

NI 324 2RW 8 Roll Bed, Good Condition
NI 323 1 Row Cornpicker, Very Nice
JD 300 Husker 2 or 3 Row Head
NI 325 2RN, 12 Roll Bed, Very Good
NI 324 2RW 12 Roll Husking Bed, Very Nice
NI 319 2R Mounted 12 Roll Husking Bed, Very Good

COMBINES

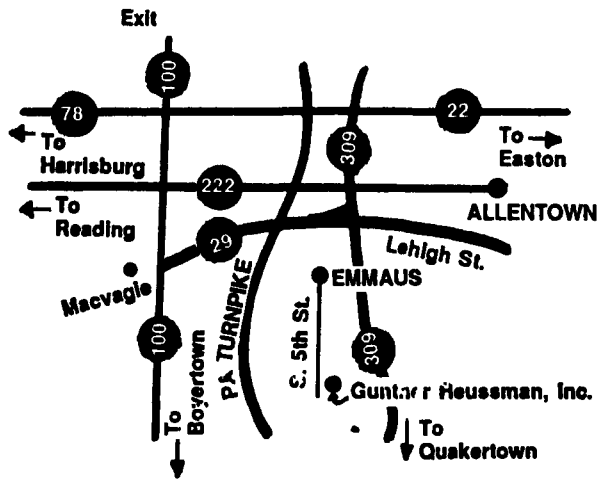
(Combines Displayed Inside Building)
1982 MF 550 Dsl., Cab & Air, 23" Rubber, w/13' Flex Head, Excellent Cond.
JD 4400 Dsl., Cab & Air, Fully Equipped, Low Hours, Previous Owner Retired
1982 JD 6620 Side Hill, Fully Equipped, Very Nice
1982 JD 6620 Dsl., Side Hill, Cab, Air, Hydro, 1200 Hrs., Excellent Cond.
JD 6600 Dsl., Side Hill, Cab & Air, Choice of Heads
Gleaner F Gas w/Cab & Grain Table, Excellent
JD 213 and 216 Rigid Head
JD 13' Quicktach Platform
IH 13' 820 Flex Head
JD 213, 215, 216 and 218 Flex Heads
MF 13' Rigid & Flex Platform
JD 260 Ldr. to Fit 2840-2950
NH L225 Skid Loader
IH 2350 Quick-Tach Loader

MISCELLANEOUS EQUIPMENT

JD 27 Stalk Shredder, Very Nice
IH 2250 QT Loader
18x38-18x34-20x38 Duals
IH 4 Row Stalk Shredder
Donahue Equipment Trailer
Ford 772 Loader w/Valve
JD AT 6 Row Front Mtd. Cultivator
JD 450 Hydro Push Manure Spreader
New Brady 4 Row Stalk Shredder
JD 16A Flail Chopper
FM #30-C 500 Gal. Air Blast Sprayer w/Engine
IH #60 6R Stalk Shredder
Cabs to Fit JD 4020, 4030, 4230
Cabs to Fit IH 806 thru 1456
Great Bend Heavy Duty Loader for Roll Crop Tractor

IH 403 w/Cab 13' Grain Table 429, 4RW Cornhead, Clean Local Machine

NEW Deutz Fahr Hay Tedders, 10 and (17' $2,650) Models	6500 Bale Wire



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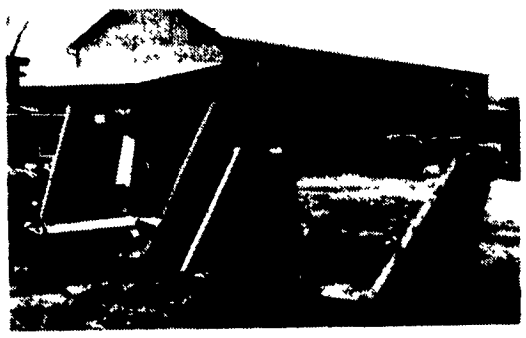

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$9,000
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Belmont Farm
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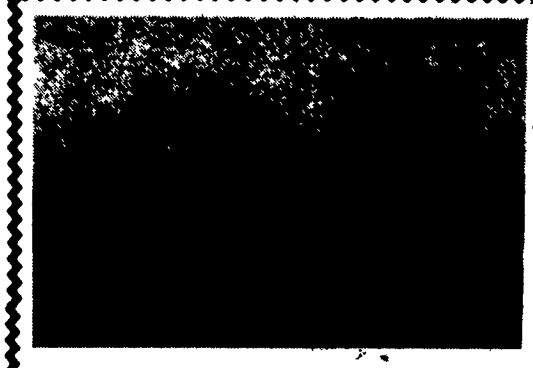

IH 1086 Cab, Original $8,900
JD 4440 Cab, Powershift $17,500
JD 4240 Cab, QR $16,800
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$5,000
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FARMALL: H; 450; Cub; Super C, fast hitch w/2-row cultivator; 560 gas, fast hitch
FORD: 8N w/forklift attachment; 8N.
AC: B; B w/side mower; G w/cultivator; HD-5 crawler/loader
LONG: 560
CASE: 580 diesel w/FE ldr. **DAVID BROWN:** 990

NI: 279 CUT/DITIONER

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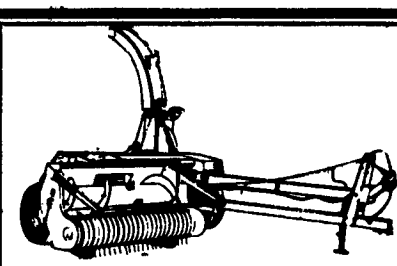

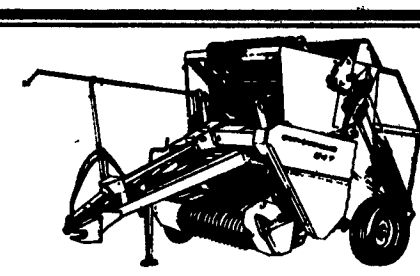

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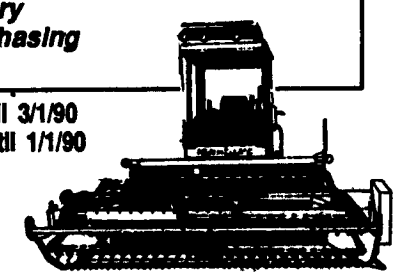
NH 311 Baler Engine, Hitch & Chute	$10,964	$ 8,595
NH 316 Baler, 70 Thrower w/Hyd. Hillside	$13,700	$10,700
HAYBINES		
NH 1499	$44,280	$34,260

We have a large inventory for you to survey when purchasing your new equipment.



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TRACTORS

Steiger PTA 310	IH 3488 Hydro	IH Hydro 186
Steiger ST 310	IH 1466	Oliver 550
IH 1066	IH 806	MF 20
IH 656	IH 3588	Gehl 4500 Skid Steer
IH 966		

TILLAGE

JD 210 Disk 15'	White 271 Disk, 22'
JD 145 Rollover Plow 4x16	Brillion 21' Packer
JD 210 Disk 12'	Brillion 16' Packer
Bush Hog 24' Disk	Tebben Deep-Till, 7x30"
Krause 20' Chisel Plow	IH 370 Disk 12'
Krause 2244 Disk 14'	IH 37 Disk 11'
Krause 1965 Disk 21'	IH 496 Disk 20'
Krause 2905 Subsoiler 5x30	IH 370 Disk 12'
Krause 1966 Disk 31'	IH 475 Disk 18'
Sunflower 20' Offset Disk	Case 7x16 Plow
Graber 7x30 Subsoiler	Pittsburgh 19' Disk

MISCELLANEOUS

AC 600 Planter	NH 1010 Bale Wagon
NI 325 2RN Cornpicker	NH 352 Grinder Mixer
JD 660 Manure Spreader	IH 620 Drill
JD 8300 21x7 Drill	IH 595 Manure Spreader
JD 8300 23x7 Drill	IH 56 4 Row Planter
Hesston 1010 Mower Conditioner 9'	IH 510 Drill, 20x8
NH 282 Baler	IH 60 Shredder
NH 495 Mower Conditioner	FMC D010 Sprayer
NH 56 Rake	FMC Model DM10E Sprayer
NH 1495 Head	Little Giant 40' Elevator
NH 27 Blower	

COMBINES

MF 850	MF 760	IH 1460	IH 1460
MF 860	IH 915	IH 815	

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Best Buys in Used Equipment

USED COMBINES

1981 JD 6620 Side Hill w/6 row narrow head & 15' flex head

USED EQUIPMENT

NI #311 2 RW picker
Int. 510 16x7 DD grain drill
Int. 800 4RN cyclo planter
Int. 2 btm F.H. plow
Int. 175 manure spreader
Int. 5500 3 pt. chisel plow
IH #430 Baler
NH 56 rake
NH 256 hay tedder
JD 224 baler w/thrower
Vicon 9' disc mower

USED TRACTORS

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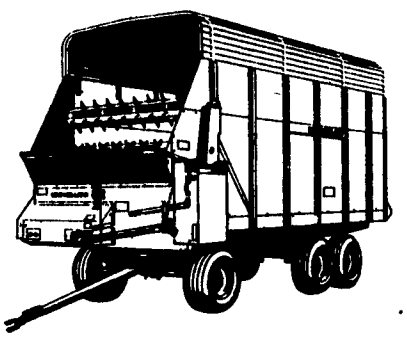

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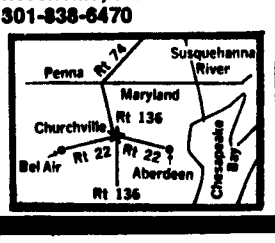

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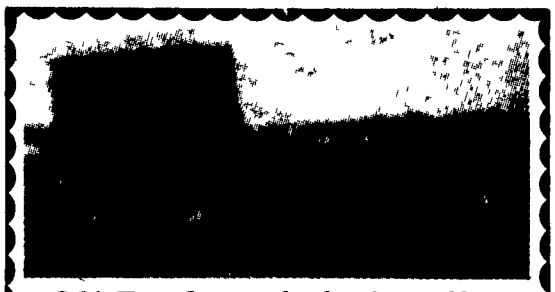

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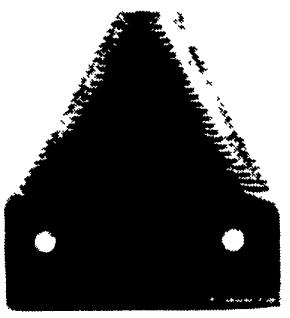

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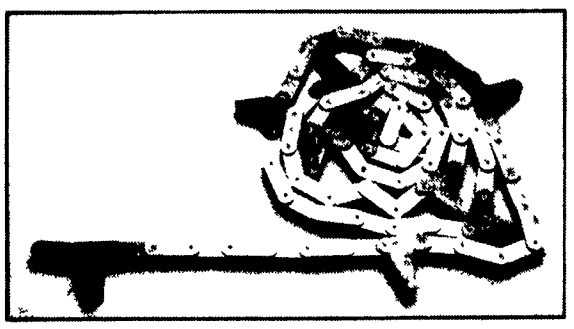

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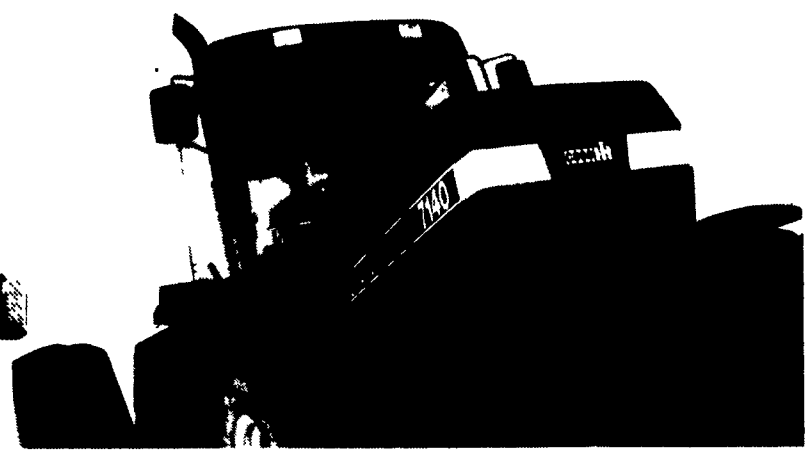

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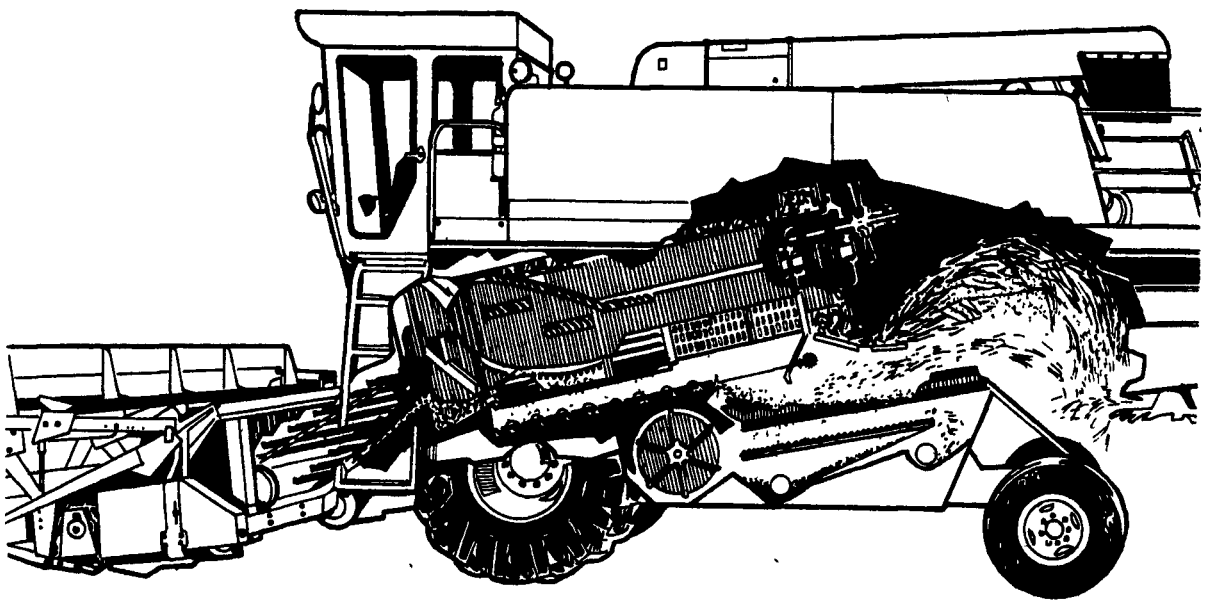

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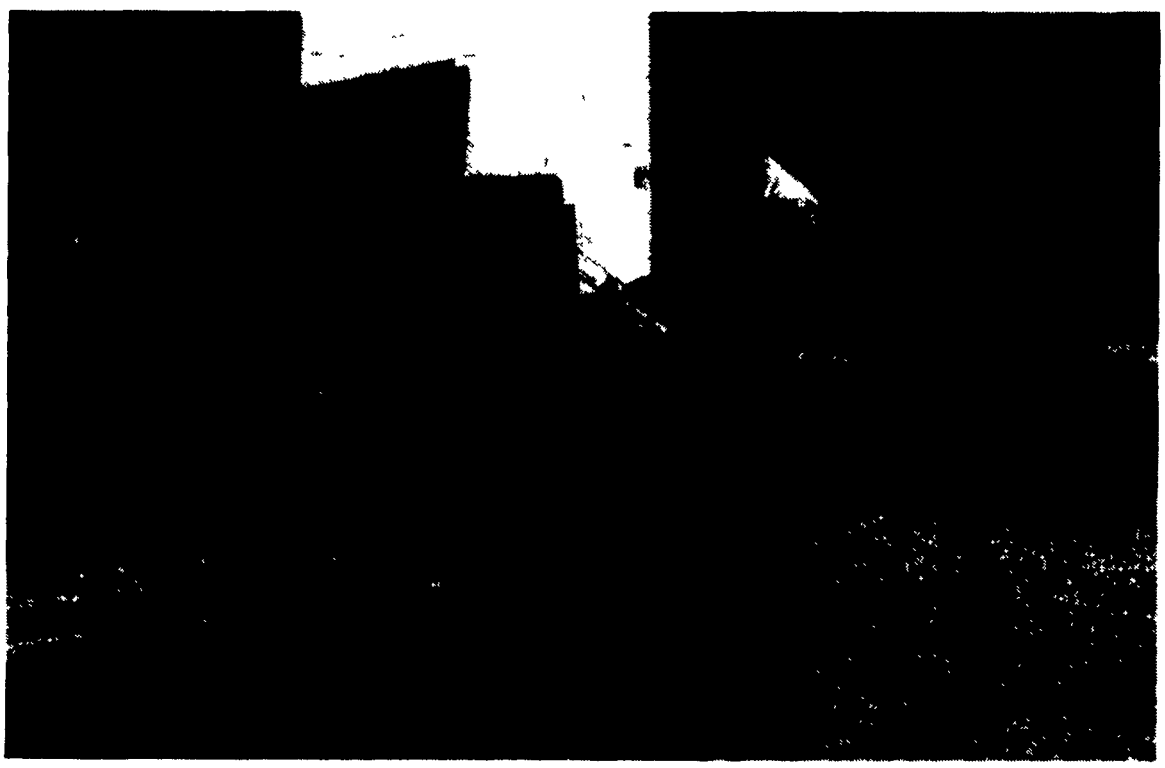

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Lycoming County Fair Is Big On Dairy Cattle

BY HELEN KELCHNER
Columbia Co. Correspondent

HUGHESVILLE (Lycoming Co.) — The Lycoming County Fair may be small, but this county is big on dairy cattle and Franlo-Alken Farms of Bellefonte and Ritter-Ridge Farms of Muncy were big winners in the Holstein division held recently.

The open Holstein show saw Franlo-Alken Farms sweep half of the calf classes with four winners, a grand champion bull and a junior champion. Franlo-Alken Farms also captured both premier breeder and premier exhibitor titles.

Beth Ann Cooley of Ritter-Ridge Farm in Allenwood earned the grand championship with her 5-year-old sired by Pine Elevation Pete from Ritter-Ridge Betty Chief Maxi.

Ronald Hunter of Orangeville exhibited the reserve grand champion with his Huntercrest Chaplain Heather, a senior 2-year-old sired by C Hanoverhill Chaplain ET from Meadow Jemini Holly.

In the junior Holstein show Franlo-Alken Farms won the championship with Franlo-Alken Apache, an intermediate heifer calf sired by Franlo-Alken Ning Cat from Franlo-Alken Aster.

Ronald Hunter took the reserve junior champion title with Huntercrest Golden Honey, an intermediate heifer calf sired by Golden Oaks Martian Twin from Huntercrest Chaplain Heather.

Colored Breed Show

The colored breeds were represented by a limited, but outstanding showing of dairy cattle. Stephanie Stackhouse of Stillwater was the big winner in the Guernsey show; Todd Russell of Linden in the Ayrshire show; Lori Shultz of Muncy in the Brown Swiss show and Ernie and Wanda Derr and Sons of Cogan Station in the Jersey show.

Guernsey

Stackhouse had the grand champion with Tre Dee Bee A Lucy, a senior 2-year-old sired by Roselyn DM Ernies Able from Tri Dee Bee R Loretta. She also had the junior champion with Golden Hill Lad Randi, a junior yearling sired by Sudona Kajo Lori Fayvor Lad from Holdren Farm Arthur Rachel.

Rhonda Peterman of Muncy had the reserve grand champion with Peterman's Pride Fayette Amber, a 3-year-old.

Brown Swiss

In the Brown Swiss division, Lori Renee Shultz had the grand champion with DML Elegant Candy, a junior 2-year-old. Jean Litchard of Danville ahd the grand champion with Cash Gerbs Brandy's Martini, an aged cow. Curtus Ulmer of Linden had the junior champion with Fantasy Johnny D. Princess, an intermediate yearling. Amos McClain of Williamsport had the reserve junior champion with Elm Brook Butterscotch, a junior heifer.

Ayrshire

Todd Russell of Linden made an impressive showing in the Ayrshire competition. He had the grand champion with Penn Springs MB Gloria, an aged cow. He also had the reserve grand champion with Lov-Dale Lib Bandit's Glory, a senior 2-year-old. Russell also had junior champion with Lov-Dale A Bell's Freckles, a junior yearling heifer. Darryl Lovel of Linden had the reserve junior champion with Lov-Dale A Glory's Cee, an intermediate heifer calf.

Earlier in the week, Beth Ann Cooley took the 4-H grand champion Holstein award in the aged cow class. She also took best udder. Also in the 4-H competition, Ronald Hunter took reserve grand champion.

Holstein Show Results
Junior Calf
1. Lost Brook Farms, 2. Beth Ann Cooley.
Senior Bull
1. Franlo-Alken Farms, 2. Andrew Jordan.
Intermediate Calf
1. Franlo Alken, 2. Ron Hunter.
Senior Calf
1. Franlo-Alken Farms, 2. Shand Kitzmiller.
Summer Yearling
1. Franlo-Alken Farms, 2. Ritter-Ridge Farms.
Junior Yearling
1. Burt and Betty Staman, 2. Ritter-Ridge Farms.
Intermediate Yearling
1 Ritter-Ridge Farms, 2. Franlo-Alken Farms
Senior Yearling
1. Ritter Ridge, 2. Kathryn Jarrett.
Junior Champion
Franlo Alken

(Turn to Page C29)

Lori Renee Shultz (left) took the Brown Swiss grand champion title with DML Elegant Candy. In the reserve grand spot was Cash Gerbs Brandy's Martini, an aged cow, shown by Jean Litchard.

Ronald Hunter (left) of Orangeville won junior champion honors at the Holstein show. Sherry Nolan (right) of Franlo-Alken Farms, Bellefonte, took the reserve junior title. Presenting the trophies are Dairy Princesses Carolyn Cline and Fay Jordan.

Brucellosis Cases Down

MADISON, WI — "In 1957 there were 123,964 brucellosis-infected herds under quarantine in the United States. One year ago there were 2,688. Today there are only 1,956," said Dr. Granville H. Frye, Chief staff veterinarian, cattle diseases and surveillance staff, of the Animal Plant Health Inspection Service (APHIS), of the United States Department of Agriculture.

Dr. Fry addressed participants at brucellosis meetings in each of the sic high-incidence states in June.

The meetings were sponsored by Livestock Conservation Institute (LCI), an international association made up of one-hundred-seventy-producer organizations and agri-business companies, to develop cooperation to complete the brucellosis eradication plan.

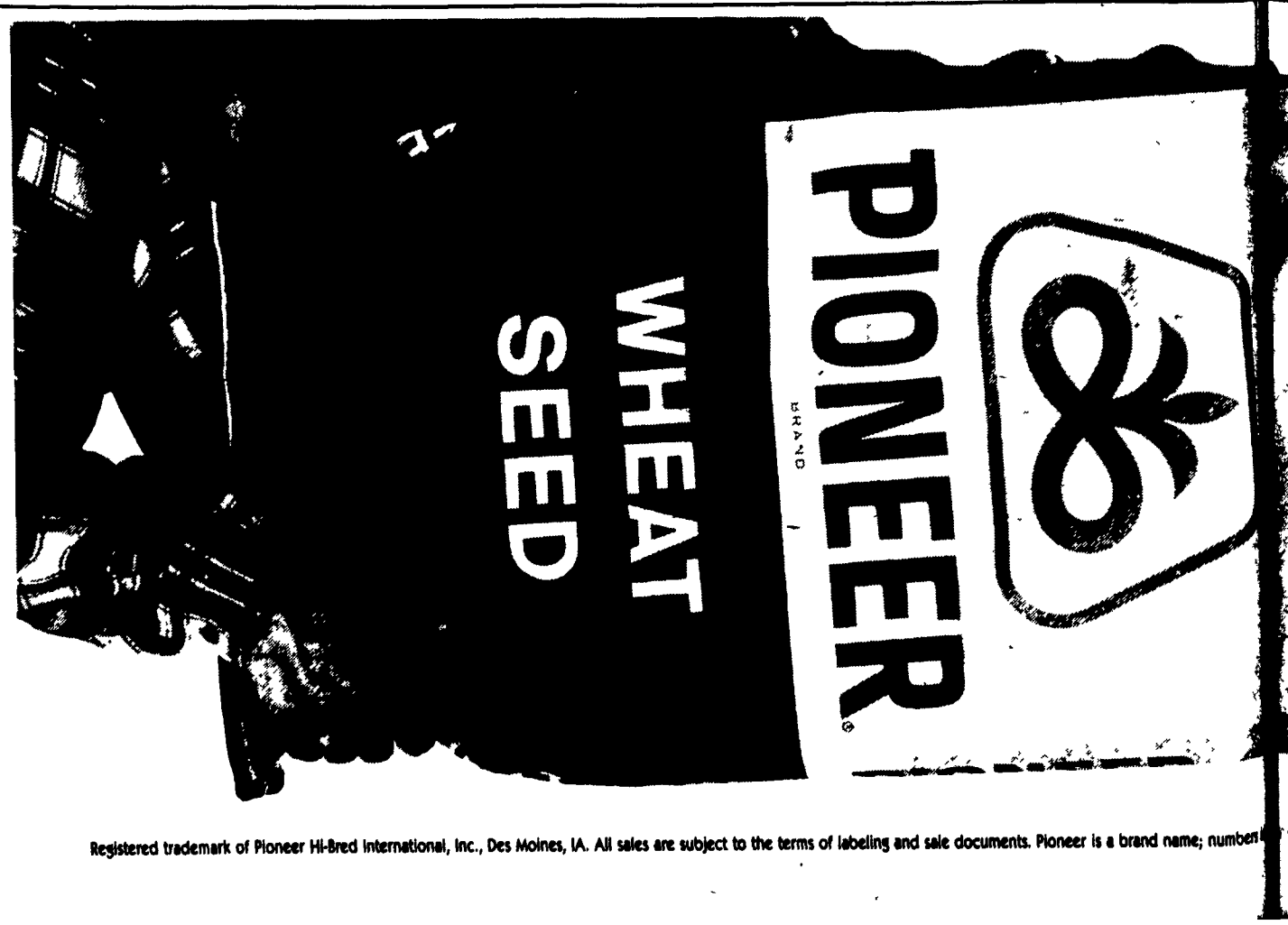
The meetings, which were hosted by the respective state farm bureaus, were held in Mississippi, Louisiana, Florida, Arkansas, Oklahoma, and Texas.

Attending the meetings were representatives of producer groups, allied industry organizations, and federal and state regulatory personnel.

The focus of the brucellosis program has come from a national problem in its beginning, to a regional problem today, according to Frye.

All six states are making progress in eradicating brucellosis and are working to increase this progress.

Some of the strategies the states are implementing to increase program progress are increased testing, increased surveillance, whole-herd vaccination, and whole-herd depopulation.



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Stephanie Stackhouse (left) exhibited the grand champion in the Guernsey show. Reserve grand champion of the Guernsey show went to Rhonda Peterman (right). Dairy Princesses Fay Jordan and Carolyn Cline.

Jersey grand champion of the Lycoming County Fair went to Ernie (left) and Wanda Derr of Muncy. Reserve grand champion went to Betty (right) and Burt Staman of Montgomery.

Holstein grand champion title went to Beth Ann Cooley (left) of Allenwood. Ronald Hunter captured the reserve grand title of the Holstein show. Lycoming County Dairy Princess made the presentation.

(Continued from Page C28)

Reserve Junior Champion
Ronald Hunter
Junior Get-of-Sire
1. Franlo-Alken Farms, 2. Ritter-Ridge Farms.
Junior Best 3 Females
1. Franlo-Alken Farms, 2. Ritter-Ridge Farms.
2-year-old Never Fresh
1. Ritter-Ridge, 2. Franlo-Alken.
Dry Cow, 4 & Under
1. Amanda Fraley.
Dry Cow 5 & Over
1. Franlo-Alken, 2. Franlo-Alken.
Junior 2-Year-Old
1. Shannon Peterman.
Senior 2-Yr. Old In Milk
1. Ron Hunter, 2. Jennifer Schultz
3-Year-old
1. Ritter-Ridge Farms, 2. Ritter-Ridge Farm.
4-Year-Old
1. Burt & Betty Staman, 2. Ritter-Ridge Farms.
5-Year-Old
1. Beth Ann Cooley.
Aged Cow
1. Ritter-Ridge Farms, 2. Burt & Betty Staman.
Dry Milking Cow
1. Franlo-Alken Farms, 2. Dale & Sharon Cooley.
Senior Get-of-Sires
1. Ritter Ridge Farms.
Senior Best 3 Females
1 Ritter Ridge Farms, 2 Cooleys
Produce of Dam
1. Franlo Alken Farms, 2 Franlo-Alken Farms
Dam & Daughter
1. Ron Hunter, 2. Franlo-Alken Farms

Expert Advice For Plant Problems

UNIVERSITY PARK, Pa. — Is a strange bug devouring your garden? Is there an unexplained brown spot on your lawn? Did the leaves on your apple tree turn yellow and drop off? You can get help from the experts in Penn State's College of Agriculture at Ag Progress Days.

A Lawn, Landscape and Garden tent will feature faculty from Penn State's departments of entomology, horticulture, agronomy and plant pathology as well as experienced county extension agents. They will be available from 9 a.m. to 5 p.m. each day. The Lawn, Landscape and Garden tent will be located next to the Crop and Soil Science tent near the Theme Building.

"We'll answer questions on any plant problem that a homeowner, gardener or grower might have," says Bob Nuss, professor of ornamental horticulture at Penn State. "We'll have a variety of experts at the tent to talk with visitors about indoor and outdoor plants, turf and flowers, tree fruit and small fruit."

Visitors to Ag Progress Days may bring in leaves, vegetables or fruit to be looked at, all of which can be disposed of at the tent.

"In order to get as a big a picture as possible of the problem, we need a large sample in good condition," Nuss cautions. He advises visitors to bring samples in fresh condition that represent various stages of the problem, and he recommends bringing insects in jars, since eating damage may be hard to diagnose.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

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OMC 330 Mustang Skid Steer Loader w/2 Buckets, w/Engine Completely Overhauled **$3,995**
Century 500 Gal. Sprayer w/38' Booms **$2,100**

PLANTER
JD 7000 6R Planter w/Frame Mounting Coulters, 2 Yrs. Old, Planted 500 Acres ..... **Call For Price**

MOVE MOUNTAINS WITHOUT MOVING A FOOT.

Case Uni-Loader* skid steers not only out dig, out lift, out carry and out load most others they also take a big load off your feet Thats because speed, direction and all loader functions are controlled by two hand levers You can maneuver easier and work faster There are other advantages too self-leveling loaders simple external chain-tension adjustment, separate hydraulic and chain/sprocket oil systems reduce maintenance and downtime Let your hands do the working with a Case Uni-Loader skid steer the easy way to get a handle on tough chores

Choose From These Models...
- 1818
- 1825
- 1835C
- 1845C

See us today for Uni-Loader* skid steers, with convenient one-stop service and flexible financing programs

See us for Uni-Loader skid steers

Special Prices On All Models Case-IH Skid Steer Loaders

Extra Special Price On 1835C Gas Models Only!

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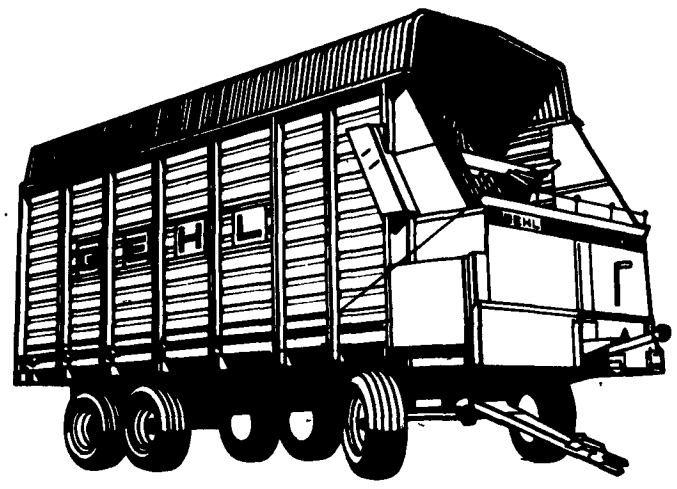

High Capacity...Fast Unloading

The Gehl 970 Series self-unloading forage box is a winner! You can't beat it for unloading speed, capacity, strength, ease of maintenance -- and price! Ten-year warranty on sides, endgate, stakes and platform tells you a lot about its superior construction. And the Even-Flow third beater plus a wide 23-1/2-inch cross conveyor give you the speed and capacity you're looking for. Available in five sizes. Stop in and look one over today!

IN STOCK - READY FOR DELIVERY!

16 ft. long with roof - 3 beaters includes Even-Feed 3rd Beater
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USED EQUIPMENT

TRACTORS
- Case 995 w/Cab
- Case 430
- Case 1030
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 990
- David Brown 1210

PLANTERS
- JD 1240 4-Row Planter
- IH 4-Row Corn Planter
- Cole 4-Row Corn Planter

LOADERS
- Case 350 Crawler Loader w/4-In-1 Bucket
- Case 1830
- Case 1845 Diesel
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- Owatanna Skid Loader—$1,500

TILLAGE
- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Oliver 3 Bot. Plow
- Used Cultipacker
- Vicon Rotary Harrow

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- NH 770 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 705 Uni-Tractor
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester
- Int. 234 Picker
- NI 774 4-Row Cornhead

MISCELLANEOUS
- King Wise 32' Elevator
- NH 36 ft. Elevator
- Gehl 99 Blower
- IH 56 Blower
- Kools Blower
- NI Blower
- Automatic Roller Mill
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- Gehl 350 Spreader
- 500 Gal. Century Sprayer
- 150 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Til Drill

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston 1010 Windrower
- (2) Hesston 1014 14' Windrowers
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Hesston 300 Windrower
- Case 650 Windrower
- NI 456 Round Baler
- IH 27 Baler
- IH 445 Square Baler
- NI 565 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 499 Haybine, Like New
- 3 Hay Wagons
- Ford 618 Blower
- Hesston 620 12' Head
- Pequea Hay Tedder

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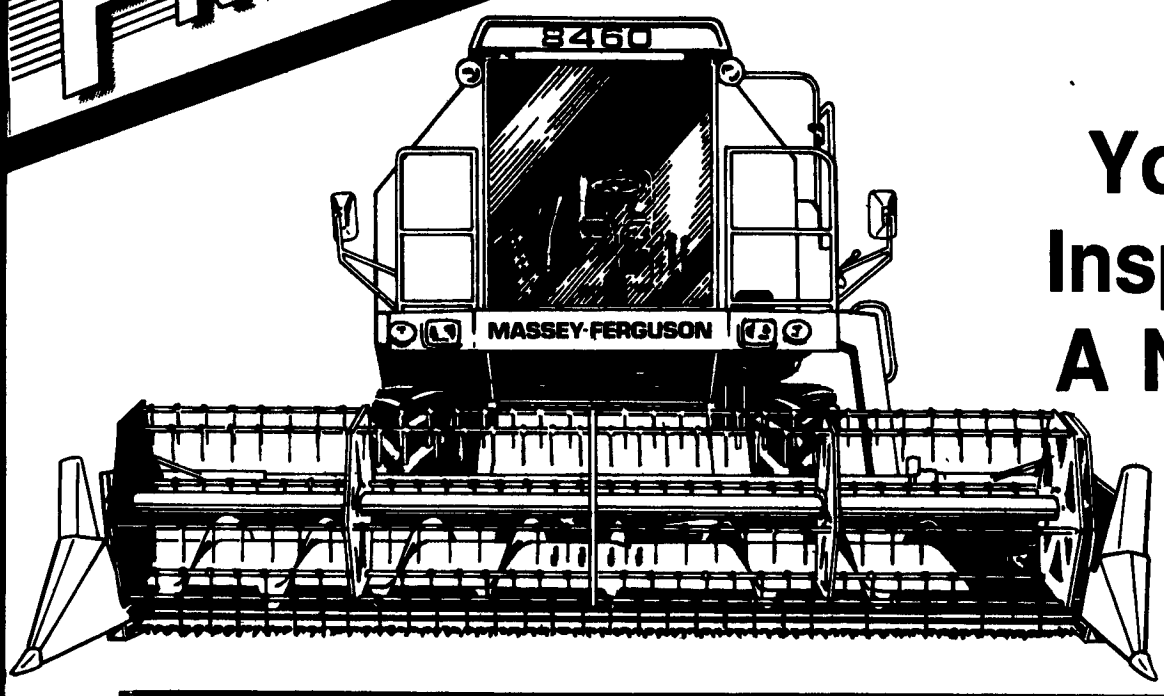
PRESENTING

THE NEW MASSEY FERGUSON 8460 COMBINE



You Are Invited To Inspect And Compare A New Combine That Is *Number One* In Europe!

See The New Massey Ferguson 8460 Combine On Display At Ag Progress Days Aug. 15, 16, 17 Located On East 3rd St.

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

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We Can Rebuilt All Makes Of Augers

Call Now For An Appointment & Price Quotation To Have Your Auger Repaired

We Purchased 65 Rental Tractors From Massey Ferguson With Big Savings!
Contact Us Now For The Best Deal On Tractors With Low Hours At Used Prices.

DO NOT WAIT!
We Sold 31 Already
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90 HP 399 2 & 4 WD
80 HP 398 2 WD
35 HP 1045 2 & 4 WD
31 HP 1035 2 & 4 WD
26 HP 1030 2 & 4 WD

NEW AND USED IMPLEMENTS

Tag	Brand	Model	Machine	Sale Price
NB3976	MF	676	Blower	$2,200
NB3977	Grimm	S-8	Tedder	$1,620
NB6048	MF	585	P.T. 5-Bar Rake	$2,350
NB6049	MF	775	Swather Auger Head	$700
NB6053	MF	41	Mower	$2,250
NB6072	J-Bar	L C 4	Finger Wheel Rake	$475
NB6074	J-Bar		Disc Mower	$2,500
UP5153	MF	345	Plow	$2,500
UP3973	Landoll	875	11' Field Cultivator	$2,800
UI			Tye Drill	$8,500
NI5189	J-Bar		6 ft. Box Scraper	$300
NI5186	York	75	8 ft. 3 pt. Blade	$1,075
NI5182	MF	1028	48" Box Scraper	$320
NI3965	Woods	M721	6 ft. 3 pt. Rotary Mower	$1,050
NI5184	J-Bar		7 ft. 3 pt. Blade	$295
NI5185	J-Bar		8" HD 3 pt. Blade	$750
NI5188	Myer	C-8	8 ft. Snow Plow	$1,400
NI5193	J-Bar		6 ft. 3 pt. Yard Blade	$380
NI5005	J-Bar		Soil Scoop	$175
NI5190	Worksaver	EB6-3	6 ft. 3 pt. Blade	$225
NI5191	Worksaver	RB7582	8 ft. 3 pt. Blade	$700
NI5192	J-Bar	7 ft. 3 pt.	Yard Blade	$295
NI5194	J-Bar		6" 3 Pt. Yard Blade	$380
NI5195	Tr. Blazer		3 pt. Bale Fork	$150
NI5197	Dunham	22	Loader	$3,350
NI3960	Danuser	MD6	Post Driver	$1,650
NI3962	J-Bar	Condor	6 ft. Rotary Cutter	$675
NI3963	Danuser	MS-I	Wood Splitter	$780
NI3969	Brady	5072	6 ft. Flail Chopper	$2,500
NI3976	Woods Dix	M-5-4	5 ft. 3 pt. Rotary Cutter	$900
NI3978	EZ Trail	672		$500
NI3979	EZ Trail	872-W		$925
NI3980	EZ Trail	1074		$1,150
NI6056	Danuser		Post Hole Digger	$675
NI6075	Woods	RM59	Rotary Cutter	$1,000
NI6076	Woods	RM600	Rotary Cutter	$1,650
NI6077	Woods	Cad. 84	Rotary Cutter	$1,925
NI6078	Woods	Dix M5	Rotary Cutter	$900
NP5200	Sovema	L120	4 ft. Rotavalir	$1,075
NP5108	Sovema	L120	4 ft. Rotavalir	$1,075
NP3970	Dunham	40	12 ft. Culti Packer	$1,725
MF 246 Loader				$3,100
Farm Built 18' Bale Thrower Wagon				$1,375
MF 124 Baler w/Thrower				$2,200
JD 105 Bushel Spreader				$600

USED TRACTORS

90 HP MF 399 2 WD	$18,500	31 HP MF 1035 4 WD	$8,900
90 HP MF 399 4 WD	$22,000	Farmall 504 w/3 pt. hitch	
80 HP MF 398 2 WD	$18,100	MF 3165 Indust. Tractor/Loader	$6,800
35 HP MF 1045 2 WD	$8,650	84 HP MF 1080	
26 HP MF 1030 2 WD	$6,700	MF 811 Dsl. Skid Loader	$5,200
26 HP MF 1030 4 WD	$8,000	194 HP MF 2805	$12,500
31 HP MF 1035 2 WD	$7,600		

USED COMBINES

	Sale Price
MF 750 #5173	$12,000
1982 MF 850, Only 1775 Hours	
#98 1979 760	$18,000
6336 760 Combine	
Ford 10 Combine #6181	$2,500
MF 9120 Floating Grain Head	$5,000
1981 MF 860 Hydro V8 4 WD	$25,000
MF 9118 Grain Head	$6,000
MF 205 w/10' Head	$3,500
MF 33 Cornhead	$1,800
MF 1143 Corn Head	$4,800

Tag	Year	Brand	Model	Sale Price
UC5117	70	MF	510 Combine	$2,800
UC4821	74	MF	760 Combine	$7,500
UC4928	77	MF	750 Combine	$12,000
UC5151	69	MF	510 Combine	$3,500
UC5931	73	MF	760 Combine	$10,000
UC5952	80	MF	760 Combine	$20,000
UC5934	73	MF	510 Combine	$8,500
UC6001	70	MF	410 Combine	$2,500

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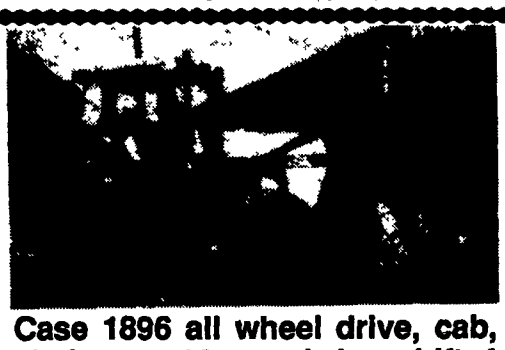

Case 1896 all wheel drive, cab, air, heater, 12 speed elec. shift, 4 remotes, less than 400 hours with 96L Case loader. $25,000

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Fox Chopper, Model 3000-003 w/ Knife Sharpener. 1 Hayhead, 6' like new. 1 Cornhead, Model 0215N. Call

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after 7:30 PM

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JD 148 LOADER

3 buckets.
One Hay Wagon
JD Tractor 1020, needs work.

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Answering Machine
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Cab, Good runner, 11 K Series
$17,500
Belmont Farm
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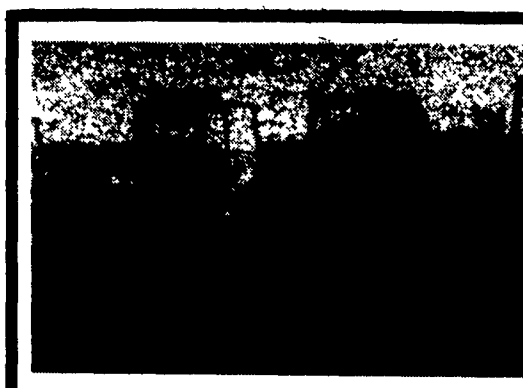

1973 JD 350B 6 Way Dozer With ROPS, Come Check Out This Little Jewel, Priced Right.

$9,500

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Case 970 Tractor w/Cab, Power Shift Runs Well

IH 2404 Industrial Tractor w/Loader 3 pth.

NH 779D Skid Loader Boom Hyd. New Bucket, 1800 Hrs.
NH 775D Skid Loader w/Aux. Hyd.
MF 135
Farmall H
Farmall C
Ford 9N w/Loader
IH 45 Baler
Haines bulk body
IH 3-Btm Mtd. Plow
Haines Stone Pickers
IH 234 Corn Pickers
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IH 400 Cyclo. Planter 4R
IH 455 Corn Planter
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Case IH 1190 Mow-ditioner..... $ 7,400
Demo - New Idea 9' Disc Mower Conditioner..... $ 9,000

USED EQUIPMENT

Case 580C Loader Backhoe
Case 580D Loader Backhoe
Gehl 4400 Skid Loader

IMPLEMENTS
Hay & Forage

JD 660 Rake
IH 225 Hay Swather
Gehl FB99 Blower
Gehl 1460 Round Baler
NH 25 Forage Blower
JD 65 Blower
IH 56 Blower
JD 800 Windrower
Lely 7' disc mower
NH 479 Haybine

Miscellaneous

Knight Little Auggie
Badger Forage Box
Farmhand Forage Box Bunk Feeder
Oliver 242 Disk 10'
Gehl 135 Grinder Mixer, Scales
Gehl CT300 Forage Harvester
Gehl CA300 1 Row Head
Gehl HA300 Hay Pickup
Beck Utility Trailer, 5 Ton
JD 750 Grinder Mixer
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Case Garden Tractors
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Ask For A Free Demonstration Of The New 335 Round Baler On Your Farm

NEW MODEL
New "5" Series Round Balers!
- See Them Today!
- New 335 & 375 For 750 - And 1000-Pound Round Bales

COME COMPARE!

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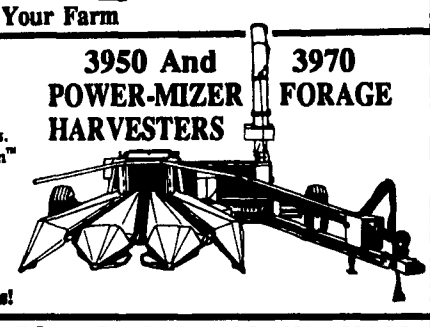
JD 2755 2 WD Sound Gard Body, 75 HP Turbo-Charged

TAKE $1,000 OFF OUR ALREADY LOW DISCOUNT PRICE ON THIS UNIT - *CALL FOR DETAILS!*

HIGHER PRODUCTIVITY IS STANDARD
- You get features in John Deere Powr-Mizer pull-type forage harvesters no-one else offers.
- Standard equipment includes solid DuraDrum™ cutterhead with 40 short knives. Row-Trak™ guidance system and Spout-Trak™ aiming control are options.

No Interest Till March 1, '90
0% 18 Mo. Financing Or Big Cash Discounts - Call Now To Reserve Yours!

3950 And 3970 POWER-MIZER FORAGE HARVESTERS



HAVE IT YOUR WAY TO HAUL IT YOUR WAY

- No matter what you're hauling, you'll want strong, John Deere wagon gear underneath for good tracking with less swaying.
- For dependable forage hauling, top that wagon with a John Deere forage box. With steel construction and a fast unloading system.

(2) Model 716A Forage Boxes w/770 Tandem Running Gears Available For This Season. Excellent Buyer Programs - Call Now!

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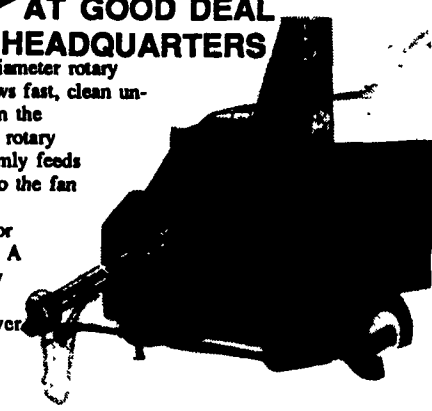
TODAY'S GOOD DEAL AT GOOD DEAL HEADQUARTERS

The large diameter rotary hopper allows fast, clean unloading from the wagon. The rotary table uniformly feeds the crop into the fan for efficient use of tractor horsepower. A conveniently located throwout lever engages or disengages the hopper



Model 150 - 1000 RPM In Stock Now - *Call For Price!*

New 120 HP 4255 - IN STOCK NOW!
4255 Tractor w/Mechanical Front-Wheel Drive & Power Shift Trans.
- New 7.6L engine
- New fuel efficiency
- New torque rise
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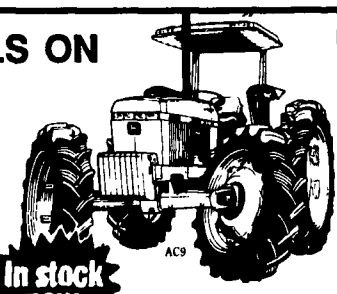
Take $2,225 Off Our Already Low Discount Price On This Unit - Call For Details!

ASK FOR A DEMO

SPARKLING DEALS ON TRACTORS

2755 Tractor With Mechanical Front-Wheel Drive Take $1,000 Off Our Already Low Discount Price On This Unit - *Call For Details!*



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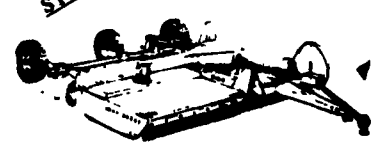
CHECK THIS CHOICE

THREE WAYS TO GO
- Model 516, 5 Foot 3 Point Mounted
- Model 1008, 10 Foot Pull-Type
- Model 1508, 15 Foot Flexible Pull-Type

IN STOCK



- Choose any of the three heavy-duty John Deere Rotary Cutters
- Get a great deal-Call Now!

We're Dealin'

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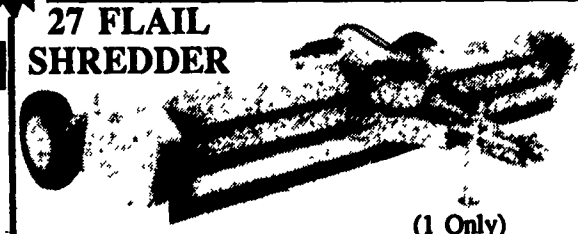
- JD 347 Wire Tie Baler
- JD 336 Baler With 30 Ejector
- JD 240 Quick-Tach Loader
- JD 70 Skid Steer Loader
- JD 260 Self-Leveling Loader
- JD 2240 50 HP Tractor
- JD 1600 9 Tooth Chisel Plow
- JD 670 9½ Ft. Rake
- JD 494 Corn Planter
- JD 950 15 Ft. Roller Harrow
- JD 3010 Gas Tractor
- JD 8350 23x7 Grain & Fertilizer Drill
- JD 24T Baler w/30 Ejector

27 FLAIL SHREDDER



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Check This Price - $6,250

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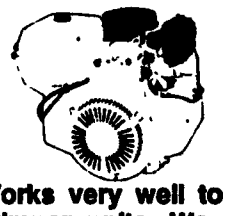

This twin 20 hp is becoming very popular for hay balers and other applications traditionally equipped with 2 cylinder Wisc. engines and can also replace the older 4 cylinder engines on some applications.

Works very well to run corn pickers, crimpers and mower crimper units. We can mount your Wisc. clutch reduction for $1495 or sell the engine with used Wisc. reduction for $1995. Price includes picking up your clutch and delivery of completed unit to you. (Lancaster County Only)

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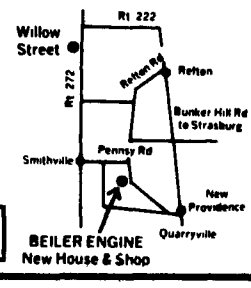

SUMMER SPECIALS

Ford TW10, cab, air, real nice
Ford 6610, 1987, w/20' Mott Interstater
Ford 420 TLB w/canopy, torque converter
(4) Ford 555 TLB, very good condition
Ford 550 Tractor Loader Backhoe
TREE SPADE FOR 40" BULB
NH 620 Tractor Loader Backhoe, cab
Ford 340 Tractor Loader Backhoe
Ford 515 Tractor Loader, 3PT, good
NH Skid Loader L555, 4 in 1 bucket, 220 hrs.
Bobcat 720 Skid Loader, good
Bobcat 620 Skid Loader, good
Kubota B8200, 4WD w/loader, 220 hrs.
General Trailers, 3 ton to 50 ton
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Int. Cub Lowboy w/5' Woods Mower
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Used 80", 3 pt. Woods Mower
10' Hesston Haybine, good
(10) Used Garden Tractors

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1967 Massey Ferguson 2200 Tractor Loader Backhoe, Kind Of A Clean Older Outfit Priced Very Reasonable At

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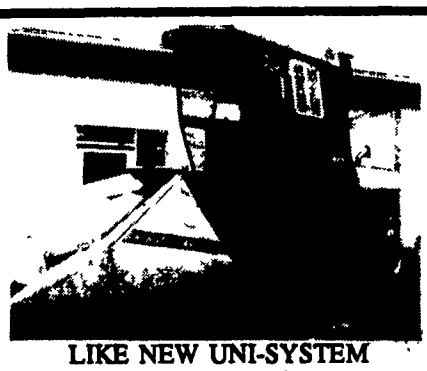
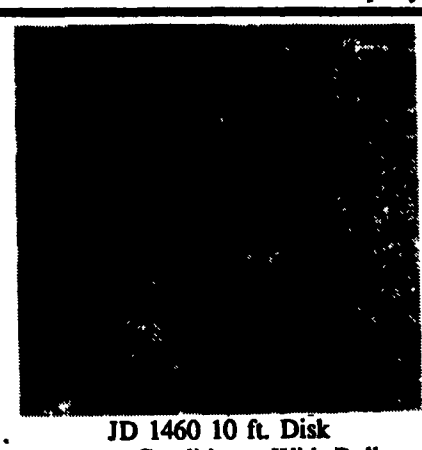
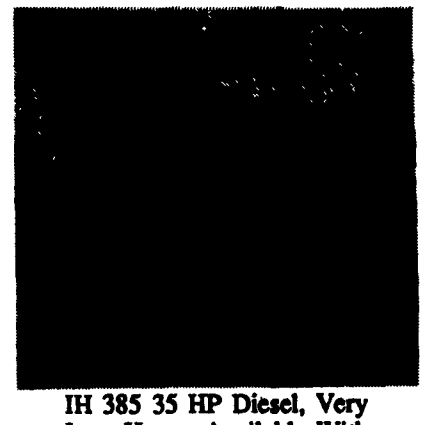


LIKE NEW UNI-SYSTEM
802 Power Unit, 179 Hours,
868 Uni-Chopper, 768 Wide-Narrow 3 Row Cornhead.
Call For Information -
Can Be Seen By Appt. Only!

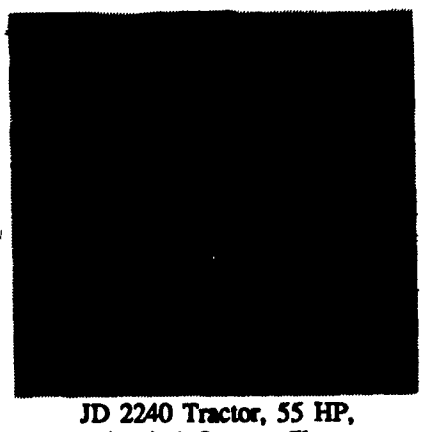
IH 1066, 125 HP, 2800 Hours, Ready To Go, With Duals - Nice, Clean Tractor



JD 1460 10 ft. Disk Mower Conditioner With Rolls & Swivel Hitch - Demo - Available With Or Without Spray Applicator

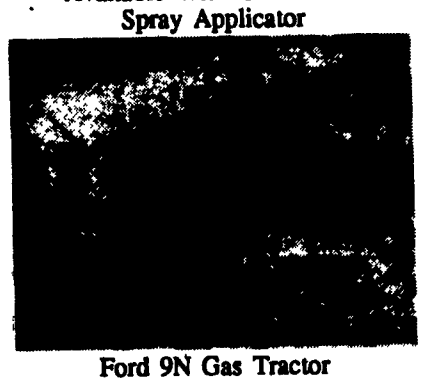


IH 385 35 HP Diesel, Very Low Hours, Available With 2 Bottom Plow and Small Disk



JD 2240 Tractor, 55 HP, Diesel, 1 Owner, Clean

New Idea Uni, 706 Ford Diesel Power Unit, 717 Combine, 713 13' Grain Platform, Ready To Go
$7500



Ford 9N Gas Tractor
$2,500
Woods RM 149 6' Rear Mower
$695
Tractor & Mower **$2,900**

Oliver 550, 40 HP, Gas
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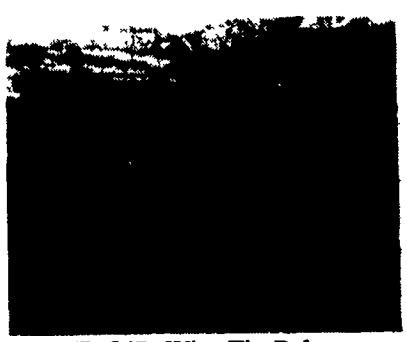

JD 347, Wire Tie Baler In Very Good Condition
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Gehl BU 640 Forage Wagon With Roof, Used Less Than 20 Loads
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JD 4020 95 HP
JD 750 18 HP Diesel With Loader $7900
JD 240 loader (Quick Tach) Fits Late Model 4 cyl $3250
Ford 4000 Diesel 45 HP $3,950
JD 40 25 HP Gas $2,400
JD 2240 50 HP Diesel
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JD 3010 Gas Wide Front
Farmall 400 Gas
Farmall 560 Gas with Loader

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NH 354 100 Bu. $3200
NH 355 100 Bu. $4,900

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NH 28 Forage Blower

Skid Steer Loaders
NH L-35 35 H.P. Gas
Prime Mower 40 H.P. Diesel
Prime Mower 18 H.P. Gas
Bradco Backhoe
New Holland D-130 Hoe
L-775 Deutz Diesel
L-785 Perkins Diesels
JD 70 25 HP Gas
NH L-781 Deutz Diesel
NH L-555 42 HP Perkins Diesel
NH L425 Skid Steer Loader

Corn Planters
JD 494 4 Row

Rakes
NH 256 8¼ Ft.
NH 258 Rake, 9½ Ft. $1,450
JD 670 Rake 9½ Ft. w/Dolly $1,850

Mower Conditioners
NH 488 9 Ft.
NH 479 9 Ft.
NH 489 9 Ft. $4,500
NH 489 9 Ft. $5,300
NH 474 7 Ft.
Bush Hog 9 ft. Rotary Cutter

Spreaders
IH 550, 216 Cu. Ft., Single Axle
JD 40 175 Bushel $1,950

Balers
NH 273 Baler $3,000
JD 336 Baler & Thrower
JD 40 Thrower
NH 276 Baler with Thrower
NH 272 Engine Baler
NH 851 Round Baler with auto wrap

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10 Tooth Chisel Plow (Pull Type) $1200
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JD 1600 Chisel Plow
AC 6 row cultivator
IH 2 Bottom plow
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NH 353 Grinder Mixer

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NH 30 Blower
NH 718 2-Row Forage Harvester
Hesston 7020 w/2 Heads

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NI 214 3 Btr.
NI 214 Single Btr. Hyd. Endgate

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Simplicity 4212 Lawn Tractor w/Mower

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NH 570 NH 575

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NH 411

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NH 791 NH 308
NH 520
NH 514

Rakes
NH 258
NH 258H

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NH 23 & 26 Blowers
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NH 489 Haybine
NH 495 Haybine
NH 890 Harvester w/Heads
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NH 326 Baler w/Thrower, Like New
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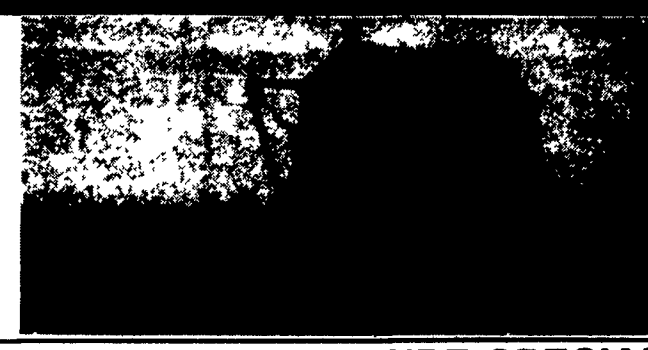

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50	4.0	2.5"	2.1"	820'	210'	63-250	$11,900
90	6.0	3.6"	3.0"	1130'	250'	90-350	$19,900
130	7.5	4.3"	3.7"	1130'	290'	110-350	$23,900
110	8.0	4.3"	3.7"	1290'	275'	110-400	$28,900
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40	6"x20'	Ireco	$60 each
90	5"x20'	Ireco	$45 each
120	4"x30'	Ireco	$55 each
50	4"x40'	Ireco w/Sprinklers	$50 each
20	2"x40'	Ireco Steelume	$35 each
105	2"x20'	Ireco Steelume	$20 each
32	5"x30'	Ireco Steelume	$70 each
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1 - Detroit 6/71 High Pressure Rebuilt			$12,500
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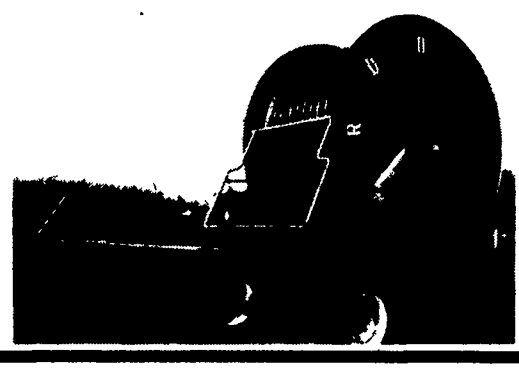
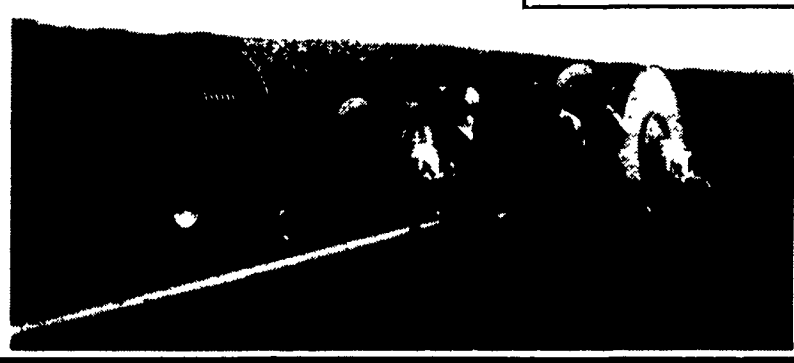
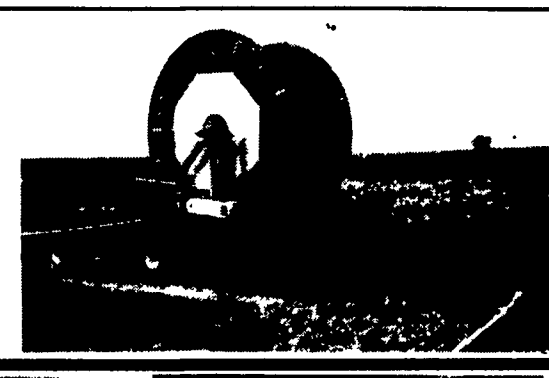
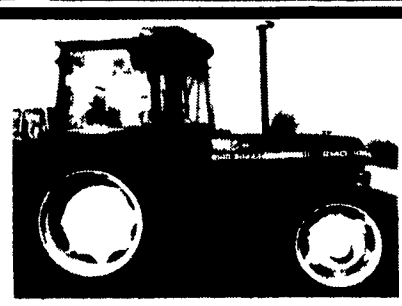


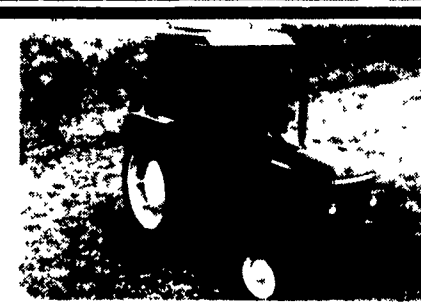




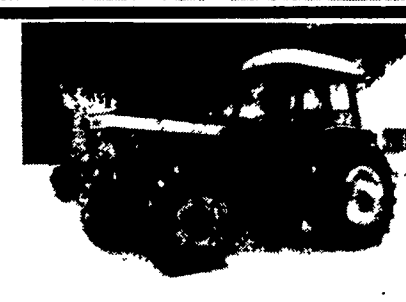
84 JD 4250, 120 HP, MFWD, C/A, 20.8x38 (New), 3100 Hrs., 2 Rem., Quad $34,500



83 JD 2750 (2140), 75 HP, 4 WD, Cab, 3650 Hrs.,13.6Rx38 (New)..... $18,500

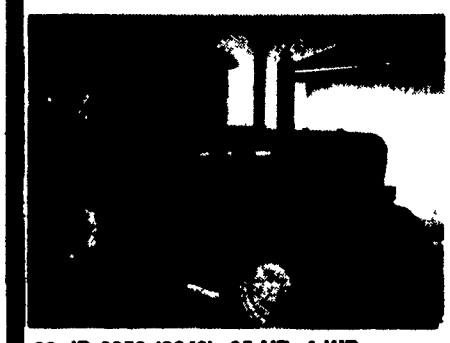


82 JD 2750 (2140), 75 HP, 2 WD, 2400 Hrs., C/A, 13.6x38R $17,900



83 FD TW-25, 140 HP, 4 WD, C/A, 1980 Hrs., 18.4x38..... ~~$32,900~~ SPECIAL $31,900

82 JD 4050 (4040S) w/359 Turbo MFWD, C/A, 2250 Hrs., Quad, 18.4x38 (New), 2 Remotes ..... ~~$26,000~~ $25,900



83 JD 2950 (3040), 85 HP, 4 WD, C/A, 2355 Hrs., 16.9x38R, Hi-Lo, 2 Remotes $22,900

83 JD 2550 (2040S), 65 HP, 2WD, C/A, 13.6x38, 2570 Hrs. $16,000

80 JD 4240, 110 HP, 2 WD, C/A, 18.4x38R, 3200 Hrs., 2 Remotes, Quad $17,900
83 JD 2750 (2140S) 85 HP, 2 WD, C/A, 13.6x38, 2700 Hrs., Hi-Lo $15,500
83 JD 2550 (2040S), 65 HP, 2 WD, Cab, 13.6x36, 2400 Hrs. $14,500
80 JD 2240, 50 HP, 2 WD, 14.9x28, 2800 Hrs. $9,900
72 JD 4320, 116 HP, 2 WD, 20.8x34, Cab, 2 Remotes, Synchro $9,500
82 FD 7610, 84 HP, 2 WD, 15.9x38, Cab, 3100 Hrs. $14,900
74 IH 966, 95 HP, 4 WD, Cab, 18.4x38, 4400 Hrs., 2 Rem. $9,900
75 Case 2470, 185 HP, 4WD, C/A 20.8x34 Duals, 4 Remotes, 3100 Hrs., PS $17,500
81 Case 2090, 110 HP, 2 WD, C/A, 23.1x34, 2500 Hrs., 2 Rem. $14,900
87 Mitsubishi 250D, 22 HP, 4 WD, 606 Hrs., 11.2/10x24 (New) w/Woods Mower $8,500
76 Muer Hill 110, 110 HP, 4 WD, 4-Post Cab, 18.4x30, New Clutch $7,500
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70 New Holland 282 Baler $2,500
77 New Holland 357 Feed Grinder $2,500
Snyder 300 Gal. Corn Sprayer $1,500
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62 JD 4010, 80 HP, 2 WD, 15.5x38, Wide Front End ..... ~~$4,950~~ $3,500
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62 Cat 922A Loader, 80 HP 4WD, 14.00x24 ..... ~~$12,500~~ $10,900
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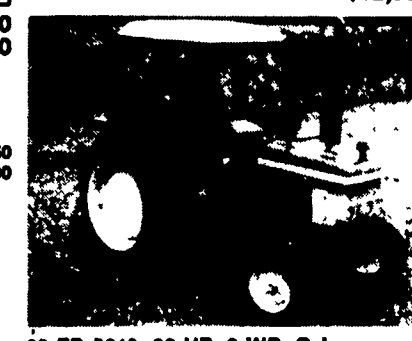

82 FD 5610, 63 HP, 2 WD, Cab, 13.6/12x38 (New), Dual Power ..... ~~$14,000~~ $12,900

80 JD 4240, 110 HP, 4WD, C/A, 18.4x38, 3884 Hrs., 2 Remotes, Quad $18,900

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JD 2940 high & low, ind. PTO, dual hyd. $11,500
AC 5020 Diesel, 2 SOLD 3 pt. & PTO $2,650
JD 2440 Diesel, (19 SOLD dependent PTO, 16.9x30 Tires w/146 Loader, $10,800
Farmall Super W-6 Gas w/Hyd., $950

Hay Equipment

NH 273 Baler, $1 SOLD
NH 273 baler w/54A thrower $1,950
NH 489 Haybine, 9 ft. $4,350
IH 1100 Trailer Mower $650
NH 467 Haybine, 7', $1,650
NH 479 Haybine, 9' $1,650
NH 259 Rake, 9', rubber teeth, $1,500
JD 1209 MOCO hyd. tongue $2,800
NH 276 Baler w/thrower $2,400
NH 276 Baler, super-sweep pickup $2,200
JD 450 Trailer Mower $1,250
NH 488 Haybine, $2,650

Forage Equipment

NH #900 Harvester, Elec SOLD ntrols w/919A Auger Base, Nice, $10,500
NH 782 Harvester, nice $3,500
NH 3 SOLD er, $400
IH 830 Harvester, 3 RN & pickup, elec. controls, (needs feed rolls), $2,850
JD WR head for 3960 Harvester $650

Tillage Equipment

JD 8300 Grain drill, 16x9, DD, depth wheels, press wheels $2,950
Dunham 12 ft. cultipacker, hvy. duty, almost new $1100
13½ ft. crowfoot cultipacker
IH 13½ ' vibra shank fld. cultivator, pull-type
IH 800 air planter, no till, monitor, $2,950

Spreaders

JD 54 w/tailgate
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Grinder/Mixers

Gehl 120 hyd. drive w/scales, good condition $2,400
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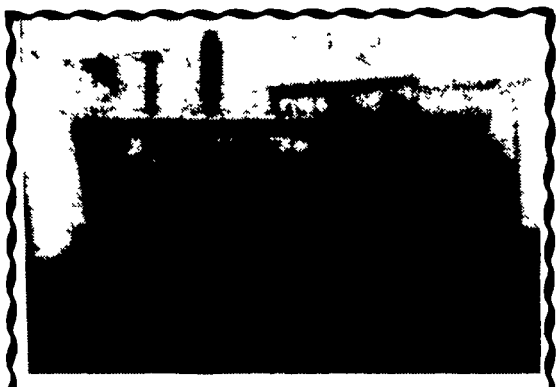
Miscellaneous

NH #70 Bale Thrower fits 311 $1,000
JD #30 Bale Thrower, fits JD 336 baler $1,000

Cornpickers

NI 323 Cornpicker, nice, $2,400
NI 324 WR 8 row bed, $1,850



MM G1000,
2,419 Hrs., 20.8-38 Tires 90%,
(120 HP) Good Cond.
$3,900

JD 4240, cab & air	$19,500
JD 4020, SR, nice	$ 6,700
JD 2440 w/146 loader & reverser, late style	$11,500
JD 2440 w/146 loader, new tires	$10,000
JD 730 diesel	$ 3,000
JD 720 diesel	$ 2,200
IH 186 hydro, C.A.	$16,500
MF 2705, cab & air	$ 9,750
MF 1155, cab & air	$ 8,900
MF 699, 4x4, cab & air	$16,500
MF 175	$ 4,500
MF 540 combine, C.A., 480 hrs	$12,000
MF 540 combine, C.A., 1800 hrs.	$ 8,500
Ford 5600, 4x4	$ 9,500
Ford 6600	$ 6,500
Ford 541 offset diesel w/cultivator	$ 2,500
MM G1000	$ 3,900
Deutz DX90	$ 5,500
JD bale kicker	$ 600
JD hay rake	$ 900
NH 283 baler	$ 2,500
NH 315 baler	$ 4,200
NH 717 harvester w/2 heads	$ 700
IH 830 harvester, 2 row head	$ 2,500
10' cultipackers	$ 500
Landall soil finisher 10'	$ 3,500
MF 43 corn head	$ 2,500
3 MF 1143 corn heads	$4,200 to $ 4,900
(3) field cultivators 10' to 14'	$750 to $ 1,300
JD 210 disc, 14'	$ 2,400
MF 236 QT loader	$ 2,500
Fox blower	$ 700
Parker gravity wagon	$ 1,000
4 set axle duals (MF)	$400 to $ 800
MF front weights	$ 35
Cab for IH tractor	$ 400
18.4x38 snap on duals	$ 750
IH 415 cultimulcher, 14'	$ 4,200
JD 2500 auto. reset plow, 5 btm.	$ 3,200
Oliver 6X auto. reset	$ 2,800
Portable saw mill	$ 2,500
Deutz Allis disc mower	$ 2,000

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JD 2940, SGB, late model, nice	$18,000
JD 4030, SGB, low hrs., nice	$13,300
JD 2940 4 WD, 2 hyds., Hi-Lo	$13,200
JD 2350 org., nice	$12,300
JD 2940 2 hyds., hi-low, nice	$12,000
JD 2640, Ind. PTO, 1981, Sharp	$11,500
JD 4000 diesel, WF, 1972	$8,600
JD 2440 Ind. PTO 2600 Hrs.	$8,500
JD 2640 Ind. PTO, rollbar, new paint	$8,500
JD 3130 w/cab, hi-lo, 2 hyd.	$7,500
JD 2630, Hi/Lo, Ind. PTO	$7,000
JD 2030 Hi/Lo, Ind. PTO, 2800 Hrs.	$6,900
JD 2030 Hi-Lo, org. paint & tires	$6,800
79 F600 dump truck, mint cond.	$6,000
JD 1530, diesel, Ind. PTO, nice	$6,000
JD 2030 Ind., PTO, Hi Clearance	$5,900
JD 3020 diesel, WF, PS trans.	$5,800
JD 1520 diesel, overhauled, fair	$5,200
JD 1020 Dsl. Ind. PTO, Fair	$5,200
JD 4020 gas, WF, fair	$4,500
NH L775 diesel skid loader SOLD	$4,500
JD 318 L&G tractor w/mower	$3,500
JD 400 w/5' mower	$3,400
Athens 12' heavy cutting dis SOLD	$3,000
JD 48 Loader w/valve	$2,200
NH 479 haybine, fair conditi SOLD	$1,600
Cab off JD 4020, side console, nice	$1,200
M & W Turbo Kit for JD 4020	$800
JD Cab off 4020	$600
NH 24' Used Elevator	$450

Zimmerman Elevators, Hay Tedders
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Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins
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- Racks can be easily dismounted
- Painted John Deere Green or International Red

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21 w/Turf Tires
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(3) 31 4WD

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JD 4040 4WD w/cab
White 2-135 w/cab
WFE 2 SOLD
JD 3010D

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New White 4&6 R No-til
Used Oliver 5400
Used White 5400

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Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
JD 343 Corn Head
1 Set of Pallet Forks
3 Pt. 8 Ft. Rotary Cutter
1 Hyd SOLD Wagon

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New White 4-5 btm. plows
White 379 no-till cultivator, new
New W SOLD Cultivator
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New Kewanee 775 Disk 14 ft.
Used 10 Tooth Bushhog Chisel
Used White 251 10 ft. disc
Used JD 16 ft, BWF Disc
AC Min-Til 13 ft. Chisel

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JD 1209
New Hay Tedders
New Bale Wagons
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head

1967 John Deere 440A Log Skidder With Winch & ROPS, New Paint, 18.4x26 Tires (Fair).

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NH TR70 w/15' Platform and JD 643 CH for NH Combine

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(2) MF 410 w/cab, platform, $3,500 each
MF 510, cab, dsl., platform, $3,500
NH 975 w/platform, cab, $3,000
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(2) MF 44 corn heads, $1,500 & $2,500
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(2) JD 444 corn heads
JD 443 corn head
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Amco 24' Disk Harrow, 9" Spacing
Brillion 12[SOLD]gle Trailing Packer

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(2) IH 56 4-Row Planters
IH 658 6-Row Narrow Dry Fert.
AC 600 6-Row Narrow Planter, No Til, Ex. Cond.
IH 510 21x7 Comb. Grain Drill
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IH FH 4-Row Cultivator

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IH 575 Manure Spreader
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Cub Cadet, Model 1872 w/50" Deck
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Cub Cadet 1000 w/44" Deck- Mechanic's Special
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MF 510 Diesel- Nice Shape
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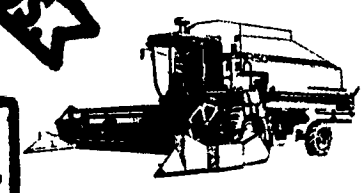

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AC WD45
AC WD
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JD 3020 D, Excel.
JD 720
IH 444, Excellent
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Farmall 460 D
Farmall 130 w/Cultivator, Excellent
(2) Farmall M
Oliver 500 D
MF 85 D
MF 1150D, with cab

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NH 1037 Bale Wagon
JD 1209 Haybine
(2) NH 489 Haybine
NH 479 Haybine
MF 81 Haybine
(2) Hesston 1014 Hay Conditioner
JD 346 Wire Baler
NH 273 Baler w/kicker
NH 275 Baler w/kicker
NH 320 Baler w/wire tie
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JD 5B Spring Trip Plow
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JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
(2) AC 600 Air Champ Planters 4-30" & 4-38" Rows

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Knight 350 PTO w/Endgate, 350 BU.
NH 676 w/Hyd. Endgate, 320 BU.
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tandem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

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NH 770 Chopper, 2-R Corn & PU Heads
NH 717 Super Chopper, 2-R Corn & PU Heads
NH 717 Chopper, 1-R Corn & PU Heads
IH Forage Wagon w/Roof
(2) NH 8 Chuck Wagon
MF Chuck Wagon
Gehl Chuck Wagon

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$48,500

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IHC 454 40-HP Gas w/Loader.....$6,850
AC 200 100-HP Dsl. Cab $8,950
JD 4020, Turbo, 115-HP Dsl., S/R.....$9,850
JD 3020 70-HP Dsl. (Complete Overhaul).....$8,950
JD 3010, 55-HP Dsl. S/R.....$4,150
JD 60 w/Power Steering $1,950
Farmall Cub w/Blade, Plow, Cult.....$2,500
Farmall Super A w/Cult., Plow $2,250

HARVESTING EQUIP.

JD 5400 S-P Harvester w/Cab, 4-Whl. Drive $31,500
JD 3960 Harvester w/3R30, 7-Ft. Hay PU.....$14,500
NH 1880 S-P Harvester w/3RN Auger Base $9,500
JD 3800 Harvester.....$3,150
JD 35 Harvester w/1-Row RC, 5½ -Ft. Hay PU.....$1,950
NH Super 717 1-Row....$950
JD 216 Forage Wagon w/JD 1065 Gear....$2,450
NI 702 Uni-System w/Sheller, 3RN Head.....$4,500
NI 325 2RN Corn Picker w/12-Roll Bed $4,950
NI 325 2RN Corn Picker w/12-Roll Bed $2,750

HAY EQUIP.

JD 346 Baler w/30 Ejector $4,500
NH 320 Baler w/Ejector.....$3,950
JD 14T Baler.....$350
NH 489 9-Ft. Haybine $4,150
JD 1209 9-Ft. Mower-Conditioner $3,550
IHC 225 10-Ft. SP Windrower $2,950
Hesston 1010 Hydro Swing Mower Conditioner $2,250

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John Deere 7720 Titan II
Cab, Hydro, Automatic Header Height, Grain Loss Monitor
1700 Hours **$57,900**

IHC 1480
Cab, Hydro, Grain Loss Monitor, 1400 Hours w/17-Ft. Flex Platform 6R30 Corn Head.....**$62,500**

John Deere 7720
Cab, Hydro, Automatic Header Height, Grain Loss Monitor **$33,900**

John Deere 7700
Cab, Variable Gear Drive, Automatic Header Height **$10,500**

John Deere 4425
Cab, Variable Gear Drive, Only 825 Hours, Automatic Header Height, Grain Loss Monitor **$45,900**

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SIX NEW 105- TO 200-HP MODELS!

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- New electronic hitch (on three larger models)
- New IntelliTrak™ instrumentation

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Increase the value of your tractor while controlling your budget

Now you can have the protection you need to cover repairs that may occur after your tractor's warranty has expired. John Deere's new Customer Protection Plan helps reduce the cost of unexpected repairs that can stress any bank account Best of all, you can design the plan to fit your own farming operation and budget.

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You pay only for the hours of protection you calculate you'll need during the five years following the purchase of the new tractor

All tractor repairs, except for normal wear and maintenance, are covered under the terms of the protection, less a small deductible

Should you decide to trade with any John Deere dealer during the term of the plan, the remaining coverage will transfer with your tractor

Ask us about the John Deere Customer Protection Plan. Protect your tractor and your wallet against unexpected expenses.

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USED EQUIPMENT

USED HAY EQUIPMENT

Stock #		SALE
UB0236	NH 1469 S.P. 9 Ft. Haybine w/o Cab	2,995
	NH 479 Haybine	Call!
UB0034	NH 495 12' Haybine w/Lat. Transport	3,995
	New Holland 326 Baler w/70 Thrower	Call!

FORAGE HARVESTERS

UB0205	NH 770 Forage Harvester (Knives Like New, No Heads)	2,695
UA0012	NI 760 Uni Harvester	295

FORAGE HEADS & BLOWERS

UB0214	NH 880W Hay Pickup Head	$795
UB0213	NH 880-N2 2 Row Corn Head (30"	895
UA0040	NH 880-R2 2 Row Corn Head (38")	595
UA0013	NI 762 Uni Corn Head (2 Row 38")	495
UA0030	NH 717R 1 Row Corn Head	295
UB0222	NH 27 Forage Blower	895
	International 56 Forage Blower	Call!

USED TRACTORS, SKID LOADERS, COMBINES, HEADS

UC0055	New Holland L778 Skid Steer Loader w/Bucket	11,900
UA0044	MF 24 QT 2 Row (38") Head	200
UA0043	MF 24 QT 2 Row (38") Head	200
UA0042	MF 322 3 Row Wide Corn Head	200

MANURE SPREADERS

UC0061	NI 244 (325 Bu.) Manure Spreader w/Hyd. Gate	$3,595
UC0062	NI 245 (375 Bu.) Manure Spreader w/Hyd. Gate	3,595
UC0047	NH 667 (220 Bu.) Tank Spreader (R.H.)	2,395

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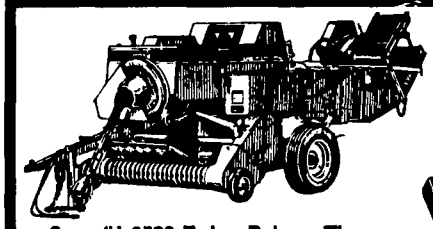
NEW EQUIPMENT IN STOCK



- Case IH 8520 Twine Baler w/Thrower
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8440 Round Baler
- Case IH 8610 Bale Processor
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8340 9 Ft. Mower Conditioner, New Model
- Case IH 1190 Mower Conditioner, 9 Ft.
- Case IH 8360 12 Ft. Hydroswing

MAGNUM IS HERE!
- CASE IH 7130, 4WD, 20.8x42 Rear Tires (Demo) In Stock

Also
7130 4WD - Demo
7110 2WD - Just Arrived!

Case IH 385, 2WD, Shuttle Shift
Case IH 385, 4WD, Shuttle Shift
Case IH 485, 4WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift
Case IH 885, 4WD w/Cab - Demo. Unit
Case IH 1818 Diesel Uni-Loader
Case IH 1825 Diesel Uni-Loader
Case IH 1845C Uni-Loader
Case IH 145 3-Bot. Rollover Plow, Auto Reset
Case IH 145 4-Bot. Rollover Plow, Auto Reset
Case IH 496 Disk Harrow, 22', Cushion Gang
Case IH 496 Disk Harrow, 18'7, Cushion Gang
Case IH 6500 11' & 14' Consertills
Case IH 415 Packer Mulcher 10'1" - Demo
Case IH 5700 3 Rank 11 Ft. Chisel
Case IH No. 14 Sub-Soiler, Auto Reset
Case IH No. 10 Sub-Soiler, Manual Reset
Case IH 5100, 24x6 Comb. Grain Drill
Case IH 5100, 16x7 Comb. Grain Drill
Case IH 530, 550 & 560 Spreaders
Case IH 50 Shredder - Must Sell

Case IH 900 Planter - 4 Row, Must Sell
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 74L Loader For 1394, 1494 & 1594 Case Tractors
Case IH 1044 4 Row Cornhead
Case IH 8720 Forage Harvester
Case IH 8730 Forage Harvester
Case IH 1620 Combine In Stock- Old Price!

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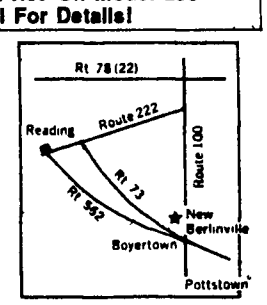

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FORAGE & HAY EQUIPMENT:

NI Disc Bine 5209; DEMO- 316 Baler. HESSTON: 1050 Disc Bine. JD #30 Hyd. Bale Thrower Attachment. **USED MOWER CONDITIONERS:** NH 489; 477; 474; 472; Hesston 6600 Dsl., Self-Propelled; 1091; 1071; PT7; PT10; 1090; NI 272 Cut/ditioner. NH, FORD, JD, IHC 3-Point Sickle Bar Mowers. FAHR & KUHN 4-Star Centipede Tedders. **BALERS w/THROWERS:** DA 490. JD: 346; 327. NH 310; 275. **ROUND BALERS:** NI 484; 851- Sharp! **FLAIL CHOPPERS:** JD 16A. NH 38; 36. **ROLLER BAR SIDE RAKES:** NH; NI, IHC. PZ: 3PT Tedder Rake. **FORAGE BOXES:** Assorted Short-Hopper Forage Blowers & Windrow Pickup Heads.

PLOWS, TILLAGE & PLANTERS:

NEW: Brillion 5', 8', 10' cultipacker/seeders in stock.
USED BRILLION: 8' & 10' cultipacker/seeders. BRILLION: 10' cultimulcher.
RESET PLOWS: 3 point hitch & 3 bottom: JD, FORD, IHC and KVERNELANDS.
SEMI-MOUNT RESET PLOWS: JD 2600 Semi Mount 4 bottom variable width land plow. IHC: 710, 3X and 6X. 700: 4X. AC: 4X and 5X. KVERNELANDS: 4X. **USED TRANSPORT DISCS;** (8', 10', 12', 14' & 16'). **CHISEL PLOWS:** 7-14 shank, 3 point and trailer. **HOWARD:** HE 5' heavy duty 3 pth rototiller; **DANISH:** 3 pth., 4-row, cultivator w/Cole side dresser. **HARROW:** JD 950 15' roller.
PLANTERS: NEW: AC: 6-ROW, NO-TILL, @ discount price. USED: AC: 4-row, no-till. FORD, AC, JD: 3 pt., 2-row. Tye pasture pleaser, 3 pt. no-till seeder, practically brand new.

MANURE EQUIPMENT:

NEW: FOR IMMEDIATE DELIVERY: Hedlund Martin: liquid tanks & manure pumps, 4 sizes SCAVENGER spreaders. NH: 304, sidekick. BOX SPREADERS: NI 243; 214; 212; 14A ground drive. NH: 328; 329. H&S: 125. IHC: 155. TANK SPREADERS: NH: 145 bushel right hand. Hawk: 207. Starline tandem axle right hand or left hand. LIQUID SPREADERS NI 800 gal. vacuum. Feed-Ez 3000 gal. tandem. Hedlund Martin: V1575. VanDale: 2200 gallon. Clay: 1000 gallon. SFM tandem spreader 3000 gallon. Hedlund Equalizer manure loader. USED: Badger and Hedlund Martin Lagoon Pumps.

MISCELLANEOUS MACHINERY:

NEW: Asplundh brush chipper, demonstrator.
NEW: WIC Equipment In Stock: Silage carts & bale mulchers.
USED: Small hammermill. Danuser heavy duty 3 pth post hole digger. Bobcat Tools for skid steer mounting: 907 backhoe, hyd. drive trencher and post hole auger. Westgo hyd. rock picker. NEW & USED: York 3 pt. rakes, gang mowers, Bush Hog and Woods 3½, 4, 5, 6, 7 and 20' widths, rotary mowers.
NEW: NI: 325 2-row Corn Picker (narrow row) w/12 roll husking bed or super sheller. USED: MF 15' Stalk Shredder. **GENERAC:** 40,000 watt, continuous duty portable generator. **HOWARD:** Heavy duty 5', 3-point rototillers. Steiners: 40' silage conveyor. **SPRAYERS:** MEYERS: 500 gal., PTO trailer. **SERVES:** 10' Trailer. **15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.- Hitch, Fast-Hitch And AC Snap-Couplers. MOTT: Flail Mowers, 3 PTH, 5' & 6'.**

INDUSTRIAL EQUIPMENT:

NEW: Asplundh Chippers in stock. Tag-a-Long trailers: 4, 5, 9, 18, 20-ton, 35-ton detachable. **USED: TAG-A-LONG TRAILERS:** 3-axle, 9-ton. **DOZERS WITH 6-WAY BLADES. AC:** HD-3. FIAT ALLIS: FD-7. JD: 450C. CASE: 450C; 350. TD 15-B straight blade, w/tilt cylinder, completely reconditioned...ready for work. **CRAWLER/LDRS:** Used: CASE: 450 w/4 in 1 bucket. JD: 350. **SKID-STEER LDRS:** NH: 250, like new. L445 diesel. JD: 125. **PAYLDRS:** AC: 640; 840, 1½ yd., articulating. Also: 1.7 yd articulated new. **TRACTOR/LDR/BACKHOES:** Case 580; Ford 555 w/extend-a-hoe. AC: 715-C; 615. KUBOTA: L3350, 4wd, low hours. Also: 15' T/L/B. New. **FORKLIFTS:** NEW: INGERSOLL-RAND: 22', 6000 & 8000, w/capacity. **AC:** 706, rough terrain, heavy duty, 14' mast. 600: 21' mast. **RAYGO:** 2-ton vibratory roller. **CRAWLER:** Oliver OC3.

USED TRACTORS:

AC: 190XT; 8030; 7040, power shift; 6080 and 6060, 2& 4 wd; 5050, 4 WD w/front end ldr.; 5040 w/ldr.; 185; 170.
DEUTZ: 6806 w/cab, low hours; 5206; 4006 w/loader.
FORD: 7700; 7600, high clearance; 6600, 4WD; 5000; 4000; 3600; 3000 w/ldr.; 2000; 641 w/3 pth. forklift; 545 w/cab; 515 w/hydraulic drive, side mount rotary mower very clean, low hours; 8N's.
IHC: 2500, SERIES B, 3-PT. tractor/loader; 2400 w/front-end loader; 656 diesel hydro; 230 wide front end; 140 w/highway mower; CUB LOWBOY and Super A w/Mott hammerknife mowers; SUPER H; AV w/ cultivator; SUPER MTA; CUBS, 1066, sharp.
JD: 2840 w/Cab; 630, 2510D P.S., 4020, 2440, 301 Industrial w/loader, 401, Industrial w/hyd. highway mower.
KUBOTA: 7100, 5100, 6000, 4950; 2550: w/front end ldr.; 2550 T/L/B. 175 w/belly mower.
MASSEY: 275; 135; 35. **SAME:** 85.
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- JD 105 diesel w/6R corn, 12' grain & cab
- (3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea.
- (2) JD 4400 diesel rotary screen w/grain, $7,000 ea.
- JD late 4400, diesel, w/ heads
- JD 6600, diesel, hydro w/ heads
- JD 55 w/12' Grain, $2,000
- 1977 JD 6600 side hill w/6R 30" & 14' grain, $17,000
- JD 3300 gas w/2 heads
- AC F2 w/corn & grain head
- AC E w/10' grain & 2R
- AC FKS dsl. w/heads $7000
- AC Gleaner F2, hydro diesel w/heads
- AC C2 diesel w/grain 4R 38" & 4R 30"
- AC Gleaner FKS gas w/2 heads
- AC late C2 w/grain & 4R corn, $3,950
- Gleaner F2 w/heads
- (2) C-2 Gleaners w/4RW for 4RN & grain head
- MF 550, diesel, SOLD
- MF late 760 V8 diesel hydro w/4 or 6 row corn & grain
- Massey 82, $1,2 SOLD
- Massey 35, 8' head
- MF 510 diesel w/heads
- MF 760D hydro w/heads
- MF 550 hydro, dsl., choice of h SOLD
- (2) MF 510 diesel w/head
- (4) MF 410 diesel w/ heads
- MF 510 diesel, hydro w/ heads
- MF 410 diesel, hydro w/ heads
- (3) MF 300 gas, cabs & heads
- MF 300 diesel, quick tach w/heads
- MF 82 2R corn & 12' grain SOLD
- 1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/grain 6R 30" or 4R 38", clean, one owner.
- MF 510 diesel gear w/ heads
- IH 93 w/10 grain
- IH 715, gas, w/heads
- IH 715 hydro diesel w/ heads
- IH 815 hydro diesel late low profile w/6 or 4 row & grain
- IH 1460 diesel hydro w/4 or 6 row corn & grain
- IH 141 w/12' grain, 2 row corn, 1 owner, nice
- IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
- IH 1440 Axle Flow Combine w/grain & 4R corn
- IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
- IH 615 gas w/810 flex, 2 or 3R corn
- IH 715 hydro diesel w/ grain & corn
- 1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
- NH TR70 Cat. diesel, 4 row 30", 13' grain
- NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
- NH 1400 w/grain & 4R 38" corn, $6,000

DISC HARROWS
- IH 350 disc, nice
- IH 500 HD, $1,500
- JD 8' wheel disc, real nice
- IH 500, HD, $2500
- White 265, like new blades, $3000
- IH 500, HD, field ready, $3500
- IH 470 wheel disc, $1500
- (2) off-set discs from 8' to 11'
- JD 10 to 14' RWA discs
- JD 12' heavy duty disc, $2500
- 4 IH 37 10' to 13'
- 10 & 12 tooth trailer chisel plows
- 3PT 8' disc
- 8, 10, 12, & 14' Wheel Disc
- 7 & 8' drag discs
- Good selection of wheel discs

GRAIN HEADS

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- Case 430 w/loader
- Ford 850 3PT gas
- Ford 3000 diesel w/ Sauder loader
- 1952 Ford 8N, new tires w/step up
- (2) Farmall H w/cultivator or loader
- IH 664, utility, diesel, 3PT, $3475
- 1975 IH 1066 fac. cab, new TA, & clutch/ pressure plate w/20x38" rubber, nice
- IH 504 hi crop w/bean picker
- Farmall Super MTA
- JD 420 gas crawler/ loader
- JD 4010 gas w/duals
- (3) JD A late models
- Late JD B
- JD 50, gas
- (2) Farmall Super H, good paint
- IH 3444 ind. diesel w/ loader & 3PT, $5,500
- IH 574 diesel 3P, $5700
- IH 656 hi ut. diesel & gear, $5000
- IH 560 gas w/IH 234 MT picker, $2985
- AC D17, diesel, WFE & loader, $2600
- AC D17, gas, NF, $1875
- Farmall H, nice
- Farmall 706 diesel 3PT
- Farmall M w/like new tires
- Farmall H
- Farmall Cub, hyd. w/IH belly mower
- Farmall F20
- Farmall M, late model
- Oliver Crawler w/Roll Guard
- IH 3444 industrial dsl. w/3PT & loader, $4,500
- IH 504, power steering, 3PT
- IH Hough Payloader
- IH 400 Dsl. w/power steering
- IH 674 dsl., row crop, 65hp
- Yale 3000 forklift, needs trans. work, $500
- C Allis w/belly mower
- Massey Pony
- MF 1085 w/multi power, $5500
- Ferguson T020 3PT

WIDE FRONT ENDS
- Oliver 1800
- Ford 6000
- Farmall A
- MF 65
- Massey 44 & 444
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- NI 324, 2R, 38", w/super sheller, sharp, $2,500
- NI 10, 1R
- NI 319, 2R, mounted 12 roll bed

CORN HEADS

ROTARY MOWERS
- Woods batwing mower
- IH 7' pull type
- Bushog 12', HD
- JD 707, 14', repainted
- (3) IH semi & trailer belt drive
- MF 7' belt drive mower
- IH 12' flail shredder, $1,675
- Brillion 12'
- Woods 12' pull type
- (2) Ford, 3PT
- Ford 6' pull type
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- 20 New 6' 3PT IHMC
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PLOWS
- AC 4 bottom 16" semi
- Oliver 3 bottom 14" 3 pt.
- IH 710 auto reset 6B 16" on-land hitch
- IH 720 5 bottom 18" toggle trip
- IH 510, 5x18 trip, nice
- IH 700, 5 bottom, auto. reset
- IH 710 6 bottom 16" trip
- JD 1450 5 bottom 16" trip hillside hitch
- JD 7 bottom 16" on land hitch, w/front wheel
- IH 55 trailer type spring tooth
- 10 tooth Landol trailer chisel plow
- JD 4 bottom, 16", trips
- IH 700, 5 bottom, 16"
- JD 3 bottom 16", 3PT Trailer plows
- JD 1600 trailer chisel, nice
- JD 2500 5 bottom 18" spring reset
- IH 710 5 bottom trip, nice
- JD 1450 6 bottom 16" hillside hitch
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- IH 650 6 bottom trip, nice
- (2) JD F145 5 bottom 16", $650 & $850
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- Ford & JD 3PT 2-btm.
- Ford 142 3-btm. 16", auto reset
- Plows, 2 to 7 bottom
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- NH 467, 7', $1200

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- IH 425 #15 thrower, 4 yrs. old, like new SOLD
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- NH 66 w/motor working order, $450

MISC.
- Orchard sprayer w/power unit

CORN PLANTERS & DRILLS
- JD, FBB, S. disk grain drill
- AC 4R plate

HARVESTERS
- AC unloading wagon
- Fox w/corn & pickup & ear corn attachment for grinding at silo
- Fox 2000 w/2R 38" cornhead
- Gehl 6' flail chopper
- NH 36 flail chopper
- (2) JD 16A 6' flail chopper
- JD 714A all-steel forage wagon, nice
- JD 6500 silo blower, 3 yrs. old SOLD
- JD 38, 2R, & pickup, $1,500
- (2) IH 550, 2R, & pickup, $500
- IH 350, 1R, & pickup. $400
- IH 7 flail chopper

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- Post Hole Diggers
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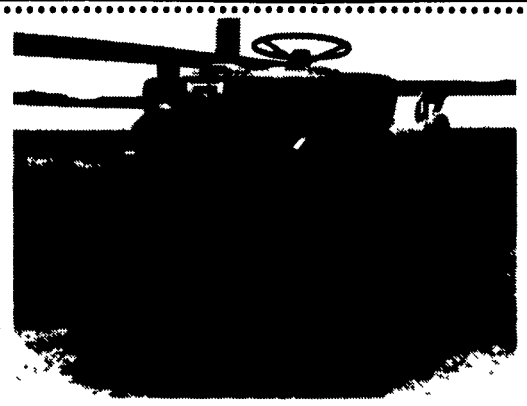

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4 WD with front and rear blades, and 4 ft. belly mower
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- (1) LS 630M Sprayer
- (2) LS 1910T Sprayers
- (1) LS 1410T Sprayer, Truck Mount
- (2) LS 3010 Sprayer w/45 Ft. Hyd. Fold Booms
- (12) Seeder/Spreaders - All Sizes!
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- (1) MF 240 Tractor
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- (1) MF 283 Tractor
- (1) MF 1030 Tractor
- (1) MF 1035 Tractor
- (1) MF 1045 Tractor
- (2) MF 232 Loaders
- (1) MF 236 Loader
- (2) MF 1016 Loaders
- (1) MF 1014 Loader
- 4, 5 & 6 Ft. 3 pt. Estate Mowers
- (1) MF 1017 Backhoe
- (2) MF 72 Tedders
- (1) MF 822 Round Baler

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Vermeer Bale Wrapper
(1) Silage Bale Wrapper (Rental)
(1) 504I Silage Baler
(1) 605J Baler
Vermeer No-Till Drills - 3 Rentals For Sale At Special Price!
(1) New Vermeer 107 Drill

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- Fransgard 18 Ft. Tedder
- Fella 18 Ft. Tedder
- P.Z. 3000 Lb. Pull Type Fertilizer Spreader
- Meyers 9x18 Bale Throw Rack
- Douglass Finishing Mowers - 5 & 6 Ft.
- Douglass Scraper Blades
- Land Pride Scraper Blades/Rakes
- Befco Finishing Mower

USED EQUIPMENT
- (2) Haybuster 1068 No Til Drills, Good & Special, one at $4,500; one at $3,200!
- Tye 80" Pasture Pleaser Drill, No Til
- Vicon CM 240 Mowers
- Kuhn GMD 55 Mowers
- 605F and 504G Vermeer Balers

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2 Row Wide Head For Hesston 2000-100 For. Harvester
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Kasten Wagon
IH 550 w/2 Row Head And Pickup
Fox 2000 Harvester w/2 Row Narrow
NI 327 Picker, 2-Row Wide
Assortment of Gehl 99 Forage Blowers

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(2) Hesston 1014 Windrowers
Hesston 1090
(2) Case 555 Mower Conditioners
Case 655 Self-Propelled 8' Head

PLANTERS

AC 333 6-Row No Till
White 5100 Air Planter, 6-Row

SKID LOADERS & UTILITY

Case 580D, ROPS w/Extendahoe
(2) Case 1740 Uniloaders
Case W10E Loader
Case 580 Super E Loader Backhoe, Ex. Condition
Case 580G Loader Backhoe-Coming In!
JD 350 SOLD Loader
JD 310A Loader Backhoe
Gehl 4500

MISCELLANEOUS

Van Dale Feeder Wagon
NH 365 Tub Spreader

LAWN & GARDEN

Woods RM48 Mower
Lawn Star 1036 w/Mower
Simplicity 4211 Hydro
Ford YT18H Garden Tractor w/Mower
Bolens 814 Garden Tractor w/Mower & Snowblower

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(2) JD 350.....$9500
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Cat 951C-Cab.....$15,000
Cat 931-Cab.....$15,800
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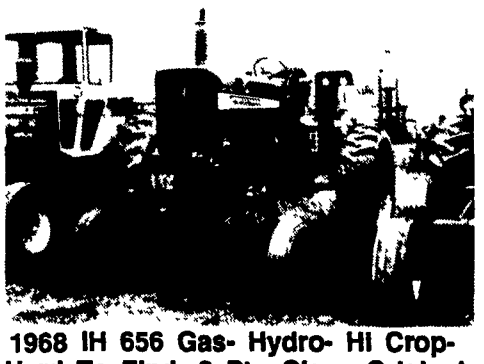

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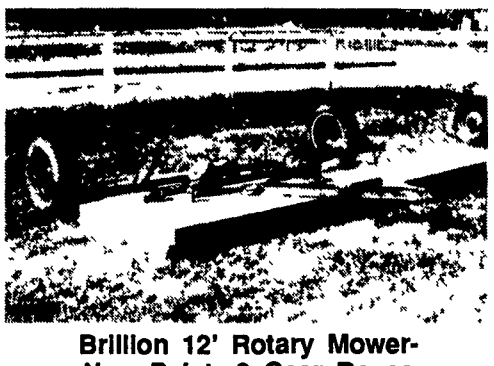

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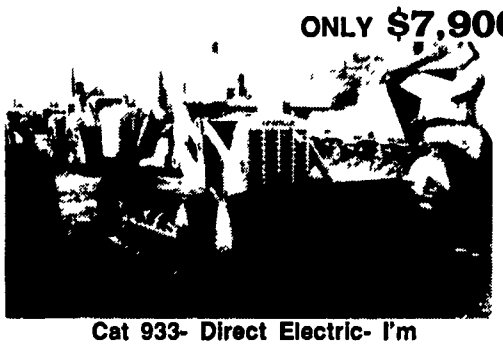

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1155-Fender-Duals	$6900

CASE

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(2) Ford 5000 Diesel	$4400-$4900
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MM 335 Gas	$2900
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800	$2750
Jubilee	$2800
640 LP Gas	$2900
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2000-1 Row-Cultivator-Hi Clear-3 Pt.	$5900

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Kubota L210 w/Mower	$3200
(2) Imt. 539-Diesel-WF-3 Pt.	$5900

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(2) Super C	$1250 to $1450
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AV w/Cultivators	$1700
140	$1900
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130 Hi Clear-Cultivator	$3900
140 w/Rotary Mower	$3900
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140 Hi Clear-Cultivator	$4900
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(2) 674 Diesel 3 Pt. 2 PTO	$5900-$6900
856-Diesel-Cab-WF-3 Pt.	$6900
(2) 686 Diesel	$6900
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656-Gas-Hydro-Hi Boy	$7900
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966-Cab	$8900
1566-Red Cab-Nice	$10,500
1586-Cab-Air-Duals	$16,900

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JD 2 Row 3 Pt. Cornplanter	$75
2X Spike Harrow	$95
JD 2X Pull Plow-Rope Lift	$100
(11) 1X and 2X Plows	$175-$595
JD 3X Pull Plow	$195
Small Hammermill	$195
JD 2X Cult. For 2 Cyl.	$195
8' Drag Disc	$295
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(2) 2 Row 3 Pt. Cultivator	$295
(4) Mechanical 1x3 Pt. Transplanter	$295-$495
(2) JD 290 2X Pull Planter	$295-$495
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IH 4' Mott Mower For Cub	$395
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(2) IH 1 Point FH Disc	$495
JD 1 Shank Pull Subsoiler	$495
Ford 2X 3 Pt. Cult.- New	$495
(2) JD 4X Pull Rotary Hoe	$495
25 Gal. 3 Pt. Sprayer-New	$495
Ford 3X-3 Pt. 14" Plow	$495
(4) 3 Pt. Field Cultivators	$495-$795
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JD 43 Cornsheller	$595
IH 2X FH Trip Plow	$595
Ford 1X 2 Way Plow	$595
JD 400 12' 3 Pt. Rotary Hoe	$595
Kewanee 4X 3 Pt. Rotary Hoe w/Wings	$595
(2) Ford 12" PHD-3 Pt.	$600 to $695
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Ford 3X 3 Pt. Plow-16"	$895
JD RG-4x3 Pt. Cult.	$895
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IH 4X Semi Plow 16"	$1000
20.8x38 Snap On Duals	$1000
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Kewannee 7' 3 Pt. Chisel Plow	$1200
JD 4x16 Semi Plow	$1250
NH 36 Flail Chopper	$1250
NI Hay Rake	$1250
Lamco Forage Wagon	$1295
JD Field Cult.	$1350
Danuser 3 Pt. Post Driver	$1450
Ford 917-5' 3 Pt. Flail	$1450
IH 440 Baler w/Thrower	$1500
Gehl 770 Haybine-7'	$1500
IH 710 5X Plow- 16"	$1800
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Rock Picker	$1950
IH 3X Semi Mtd.-Reset Plow	$2150
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NI 323 1 Row Picker	$2400
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Bush Hog 18' Wing Disc.	$2850
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(2) AC Gleaner F Combine-Gas & Diesel	$3900 & Up
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IH 915 Diesel-Hydro-Combine	$4400
JD 4400 Diesel-R. Screen	$4400
Bush Hog Offset Disc-10'	$4800
JD 3300 Combine-Gas-Sharp	$4900
NH TR70 Combine	$6500
Kewanee 2000 Offset Disc	$8750
Lots More Not Listed	Call
(50) 2 Row- 3 Row- 4 Row- 6 Row Cornheads	Call
(20) Extra Grainheads	Call
(50) Extra Harvester Heads	Call
IH Cub & Super A Tools	Call

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KIOTI

22 HP Diesel Tractor $7,199
4 Whl. Dr., 3 Point Hitch, R.O.P.S., Ag Tires

22 HP Diesel Tractor $9,999
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$3,900
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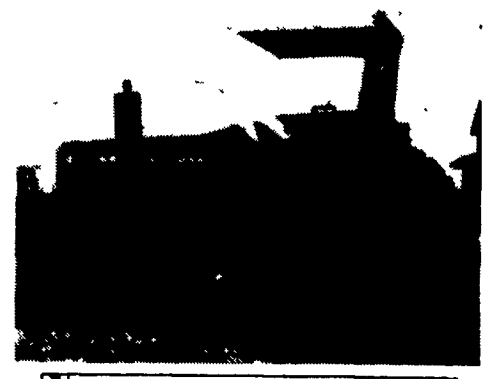

MF 285
Exc. Cond.
$7,500
Belmont Farm
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USED TRACTORS

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JD 4440, cab, air, power shift
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JD 4430, cab & air, sharp
JD 4230, cab & air, QR
JD 4040, 4 post, QR
JD 4030, 4 post, QR
JD 4030, cab & air
JD 2510
JD 2940, 4WD
JD 2940
JD 2550 w/loader
JD 2440
JD 2350
JD 2240 w/cab
JD 2240
JD 2150
JD 3020 diesel

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JD 850 w/mower
JD 830, 3 cylinder
IH 3688, cab & air
IH 3588, 2+2, excellent
IH 3288, like new
IH 884 w/2250 loader
IH 1066
IH 454 w/loader
IH 354
Ford 4600 w/loader
Ford 3600 w/factory cab
Ford 3400 w/loader
Ford 2000
Ford 3000
MF 265 w/loader

1987 Deutz Allis 7120, used only 20 hrs.

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MF 200 crawler loader
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NH 779 skid steer
NH 335 skid steer

Gehl 4510 skid steer
NH 785 skid steer, like new
Ford 3400 backhoe
JD 300 TLB

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow

IH consertill 13'

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
JD 6620 hydro
JD 4400 diesel, 1,500 hrs., sharp

JD 4400 diesel
JD 3300 diesel, used 1,000 hrs.
1978 JD 7700 hydro, excellent
IH 963, 6 row head, excellent

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JD 7000 4 row dry
New Woods 315 Bat Wing mower

New Woods 12' Bat Wing

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JD 338 baler, new
JD 1207 7' haybine
IH 7' haybine, like new

NH 472 haybine, excellent
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NH 1010 bale wagon

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JD 260 loader w/cab control
JD 158 loader
JD 148 loader
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Bush Hog plowing disc, 14'
1980 Ford 350 rollback, 15' alum. body
4 row Danish tine cultivator

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JD 4850, 15 speed, power shift, MFWD, cab & air
JD 2350 w/MFWD & JD 245 loader
JD 4240 quad, factory cab & air
JD 4240, power shift, factory cab & air
JD 2640 w/reverser trans. & JD 146 loader
JD 2640 w/hi lo, cab, JD 145 loader
JD 2240 w/hi lo, late style
JD 2040 diesel
JD 4430 quad w/year round cab, very nice
JD 4230 quad, factory cab & air
JD 4520 20" rubber, duals, wts., 3800 orig. hrs., nice
JD 520 2 cyl. w/3PT
JD 900, HC, diesel w/cultivators, like new, low hrs.

JD 310 B tractor loader, backhoe, sharp

IH 5088, cab, air, 20" rubber, 3 hyd. outlet
IH 1486 factory cab & air
IH 1086 fac. cab & air, 1981 model w/radials & western interior

IH 1086 fac. cab & air
IH 986 factory cab & air, very nice
1981 IH 886, factory cab & air, German engine, orange stripe
IH 186 hydro cab & air
IH 100 hyd SOLD c. cab & air, nice
IH 1066 black stripe, 76 model, factory cab & air
IH 966 fender tractor, sharp
IH 766 diesel, year-a-round cab w/air, 3PT, WF, original & sharp
IH 766 diesel w/cab & air SOLD
IH 766 diesel, M&W turbo, fender tractor, 3PT, WF
IH 1256 w/new TA
IH 826D WF, 3 pt., 3100 actual hrs.
IH 826, German diesel, WF
IH 656D gear drive, WF
IH 674 diesel, very nice
Farmall 460 diesel, w/fast hitch
Farmall 350 G, WF and loader, sharp
Cadet 782, hydro w/mower deck

Uni Systems

NI 707, Perkins diesel, cab
NI 704, Gas, variable speed, cab
NI 702 diesel hi serial #
NI 701 & 702 Gas w/cabs
NI 729-A Sheller
NI 767 Super Chopper
NI 763, 3RN, chopper head
NI 815, flex head
NI 713 & 715 Grain heads

NI 766 hay head, very nice
NI 740 & 741 Quick Tach Throats
NI 727 12 roll husking bed, very nice
(2) NI 737 12 roll husking beds
NI Chopper Heads wide & narrow
NI 2, 3 & 4R heads wide or narrow
NI 731 4RW stripper bar head
NI 844 wide & narrow heads

Combines

IH 1460 81 model electric over hydr. with IH 1020 flex 15' and IH 963 6RN cornhead
IH 1460, '79 model, very nice
JD 6620 side hill, 79 model, very nice
JD 6600 diesel hydro, very nice, 76 model
JD 4400, diesel, w/air, '77 model, w/heavy final drive

MF 850 diesel hydro, 1982 model, w/1163 & 16' flex head, very nice
MF 750 D turbo hydro, grey cab & air
MF 550 diesel hydro, gray cab & air
MF 510 diesel hydro cab & air w/13' Ull reel

Heads

MF 1144, 4RW corn head
MF 1143 4RN corn head
MF 43 4RN
MF 1859 13', 1 SOLD 0' widths, w/Ull reels
MF 13' grain head
IH 844W 4RW SOLD
IH 820, flex 13'
JD 643, 6RN
JD 443 low tin, 4RN
JD 443, 4RN
JD 444 4RW
JD 343 3RN

Pull Type Pickers

Nice JD 300 Husker w/3RN or 2RW Head
NI 325 12 roll narrow picker

Implements & Misc.

Owatonna 345 skid loader
JD 48 loader
JD 210 disk
JD 8' KBA disk
Cabs for IH 656 thru 1466
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Complete rebuilt M&W Turbo w/kit for IH 856
11 tooth 3PT mtd. DMI chisel
NH 519 spreader w/end gate

Used Parts

IH 504 Utility
IH 856 Diesel
IH 706 Diesel
IH 1256
IH 70 hydro

IH 806 Diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D
JD 4020 dsl., powershift

JD 3020 G
NI 717 Combine
IH 706 Gas Tractor
Farmall H & M
IH Dual PTO Units
IH 826 Diesel

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

1981 NH TR85, 4WD, V8, Hydro, full equipment.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs., real nice, $45,500.

JD 8820 4WD, Full Equip. w/220 Flex, 843 Corn.

JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice.

1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD 6620 LL, 1 Owner, Full Equipment, $25,000.

JD (81) 4420 Gas, Real Nice, 1100 hrs. SOLD

JD (77) 6600 Side Hill, Good Cond.

JD 6600 Side Hill CA Hydro w/643 Cornhead.

(75) 6600 D. Rotary Screen good.

JD 3300 gas Rotary Screen w/10' Grain.

JD 3300 Gas w/10' Grain.

MF 850, Turbo Hydro w/1163 Cornhead, 500 Hours.

(80) MF 750 Gray Cab, hydro., w/1163 and 15' flex

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

MF 550 Gray Cab, Air, Hydro w/Flex & 1143, Excel. SOLD

MF 550 D., C.A., low hrs.

MF (76) 750 Cab, Air, Hydro

White 8800 DCA, w/13' Grain and 704 w/Corn SOLD

Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.

Gleaner F2 D C.A. w/13' Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH D 915 C.A. Hydro w/863 & 810 Grain.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 80 & 82 Pull Combine; (75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A. Nice; IH 105 w/ Cab & 10' Grain, nice; IH 205 Combine w/Cab & 10' Grain. SOLD

NI 709 Uni, CA, Hydro, 4WD; N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; NI 701 Uni w/727 Husker and 3RN Cornhead; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House.

CORNHEADS: JD 843 LP, 443 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head; JD 853 A Row Crop.

I.H. 863; 844; 843; 833; 744; 327, 3R; 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N.I. 846 N 6R C.H.; 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 4RN, 6RN Corn Head.

NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

I.H. 810-13' Thru 17.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N.I. 713 Flex Or Rigid.

NH 972, 20' Flex; NH 960, 13'; E 10' Grain Head.

TRACTORS:

JD 4650 C.A.P.S., MFWD, Duals, Real Nice; JD 4450 C.A.P.S., MFWD, Like New; JD 4450 ROPS, PS, MFWD, 500 Hrs., Like New; JD 4450 C.A.P.S., MFWD, Duals; JD 4450 C.A.P.S., Real Nice; JD 4250 CAPS, MFWD; JD 4050 C.A.Q.R., 900 Hrs., Like New; JD 2950 MFWD; C.A., Real Nice; JD 2950 MFWD w/Rollguard; JD 2350 MFWD w/175 Ldr.; JD 1250 w/Power Steering; JD 4840 CAPS, 18x42, 600 Hrs., One Owner; JD 4840's C.A.P.S. Duals & Quick Hitch; JD 4640 C.A., Q.R., Duals; 4640 C.A.P.S.; JD (82) 4440, C.A.Q.R.; JD 4440, C.A.Q.R., 20.8x38 Radials; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; (82) JD 4240 C.A. QR; (81) JD 4240 C.A.Q.R.; JD 4040 Fender QR 18x38; JD 4040 P.S., ROPS; JD 2940 MFWD, real nice; JD 2940 MFWD; JD 2940 w/Hi Lo, 2 Post R/G, $12,500; JD 2840 w/Roll Guard, Nice; JD 2840 8R S-Tine Cultivator; JD (82) 2440 Full Eq., w/146 Ldr. & Grapple; JD 2440 w/Yr. Round Cab; JD 2040; 2940 w/R.G.; 4630 SR w/ Cab & Air; JD 4430 C.A., QR, Originals; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4230 CAQR; JD 4030 w/Cab, Q.R.; JD 4030 w/creeper trans.; 1530 Lo; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; JD (72) 3020 Tricycle Dsl.; JD 3020 D, PS, 2 Valves; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 D, WF Nice; JD 4010 D. Tricycle, Real Good; JD 4010 Dsl., WFE; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 2510 Dsl.; JD 720 D., Tricycle. SOLD

IH 5288 CA w/20.8-38 Duals; IH 1086 CA w/Dual Whls., original; 1586 w/R.G.; 1086 C.A.; IH 986 C.A. Duals; IH 986 C.A.; 886 w/R.G.; F686 Original; F686, Good; F 1066 w/ Cab; 1066 w/Yr. Round Cab; IH 1066 Cab; IH 1066 Fender; 1568 C.A.; 1566 w/Cab; 1466 w/Cab; IH 966 C.A.; 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/ Factory Cab; IH 684 Row Crop Utility; IH 584; 574 D. w/Loader; 544 Utility Gas, Hydro, w/2000 Ldr.; Farmall 544 Gas, WF, 3 pt.; IH 444 U. Gas w/IH 1501 Loader; 1256 w/ Cab, Nice; 756 G Hi-Clear; Farmall 756 D, WFE, As Is; 656 Diesel; 1206, Nice; 706 D. - W.F.E. - 3 pt. - $5,000; F560 D., WF, FH; F560 Gas, WF, Nice; F560 D w/ Fast Hitch; F 460 Gas, WF, FH; IH 460 U. Gas, FH, PS & Shuttle; Farmall 400 w/Fast Hitch And Snow Plow; Farmall 350 w/PS, Fast Hitch, 2R Cult. w/Fert. Distributor; Farmall 340; Farmall 200; Farmall 100, Hi-Clearance w/Cultivators; Farmall H w/Lder. & Live Hydraulics; Super MTA w/NI Mounted Picker; Super A w/Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd. Loader w/Plow; Farmall Super AV w/Cultivators; Farmall Cub w/Cultivator; Farmall Cub w/Cultivator Plow & Sickle Mower.

New AC 8050 C.A., P.S., rad. tires, fully eq.; New AC 680.

Used AC 6080 w/ROPS; AC 8010 C.A. 20 SP MFWD w/Westendorf 64 Ldr.; AC 7030 Fender Tractor w/ Duals 20 Spd.; AC 7000 CAPS; AC 200; AC 200 D original; AC 220, real nice; AC 210 w/Cab; AC D17 Series 4 Gas, WF w/ Loader; AC D17 Series IV D. 3 Pt., WFE; AC D17 Dsl. WF, w/4X Plow And 6R Cult.; AC D14 Gas, WFE w/PS and Ldr.; AC WD 45.

New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

Deutz 13006 w/Cab.

CASE IH 3294 CA MFWD, Radials, Real Nice; Case 4690 C.A., P.S. 4WD, Full Equipment; Case 2590, CA, PS, 1600 hours; Case 2390 CAPS, Duals; CASE 2390 C.A.P.S., Duals; 2090 CAPS, $14,800; Case 1690 C.A., MFWD; Case 1390; Case 970, C.A.P.S.; Case 970; 930D, WF 3 pt.; Case 930 Standard Dsl.; Case 995 Dsl. w/Ldr.; Case- 995 w/ Cab.

MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 1085; MF 165 U. Gas; MF 165D w/Freeman Ldr.; MF 135 Gas, Nice; MF 1130; MF 65 D.

FORD TW10 DP & 20.8x38 Tires; Ford 7600 w/ROPS & Dual Power; Ford 6700 w/Dual Power & Ldr.; Ford 8000, As Is; Ford 8000; (72) Ford 5000 D., 2100 Hrs., Real Nice; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 2000, Gas, 4-Spd.; Ford 2000, Gas, Select-A-Speed (82); Ford 851 w/ Loader; Ford 641 w/New Tires; SOLD; Ford 8N w/Side Mtd. Mower.

WHITE 2-155 CA Real Nice; WHITE 2-135 Series 3, C.A., MFWD; 1983 White 2-88, CA, Like New; WSOLD 85; WHITE 2-60 ROPS w/1510 Ldr.; WHITE 2-70, ROPS, as is.

OLIVER 1955 Original; Oliver 1655 D, WF, Original; Oliver 2050; Oliver 1850 D., WFE, Hydra Power; MM G1000 Nice.

Tractors & Equip. Just Traded:

White 8900 4WD 15' Grain, 704W and 706N Cornheads; JD 4400 Gas; JD 620; JD 336 Wire w/ Thrower; JD 300 Picker w/3RN; Cub 154 Lo-Boy; JD 146 Loader; JD 3960; JD 3960 w/3R Cornhead; JD 4 SOLD ler; Miller 28' Hydraulic Fold Heavy Disk; JD 8430 Fire Damaged; Prentice #160 Knuckle Boom on Trailer; Lilliston 9860 No Till Drill, 3 Yrs. Old; 1983 Butler Batch Dryer.

New NI 325, 2R 30" Picker w/12 Roll Bed.

CORNPICKERS: (2) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; (3) NI 323, 1R Picker, $1950-$2250; NI 323 $1675.

New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.

PICKER: NI 319 Mounted Picker; NI 319 Mounted Picker w/12 Roll Husking Bed; NI 319 Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

JD 5400 C.A., Hydro, 4WD, Real Nice.

JD 3960 w/2 Heads, Full Equip.; JD 3960, JD 3940; JD 3800 Chopper, Hay Pick-Up.

N.H. 892 w/Elec. Controls, 2R & Hay PU; NH 890 w/ Electric Controls, 2R Corn & Hay Pickup; NH 782 w/ heads; NH 770 w/heads; NH 718 w/822 C.H.; NH Super 717 w/1R C.H. $975; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.

IH 650 Chopper w/2RN & Hay PU; Fox Super D w/Cab 3R C.H. & PU.

Gehl 1200 Chopper w/Elec. Controls, 3 RW C.H. & Hay PU.; Gehl CB 1200 Chopper.

Hesston 7020 Chopper w/1R & Hay P.U. SOLD

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.

J.D. 1, 2 & 3R Snapper; 2 & 3 R Silage, New & Used 5½' Hay Pickups; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates; JD 6' Direct Cut; JD 4RW Stalker Head.

IH Direct Cut Head for 650; NI 766 Hay PU; Gehl 1200 7' Pickup.

FOX 984, 4R Silage; 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: NH 30; JD 66.

FLAIL CHOPPERS: (2) Used NH 38; Bearcat 72A; JD 16A; IH #8 Flail Chopper; MC 6R Stalk Shredder; MC 180 Stalk Shredder; JD 27 Stalk Shredder.

SILAGE WAGONS: (2) JD 716 Tandem Axle w/Roof; JD 714 w/Roof; Hesston #10 Stack Wagon.

HAY EQ.: BALERS: Hesston 4800 Big Baler; New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; Deutz Allis HD 490 Baler w/Thrower, Like New; JD 466; JD 347 Baler w/Thrower; JD 327 Baler w/Thrower; JD 336 w/ Thrower; JD 24T w/#30 Thrower; JD 24T w/#30 Thrower; IH 440 All-Twine Baler w/#10 Thrower, Nice.

NH 326 Baler; NH 425 Wire Tie Baler; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH 268 w/53 Thrower; NH #75 Ejector; N.I. 456 Round; N.H. 851 Rd.; MF 124 w/Thrower; NH 851 Rd.; NH 850 Rd.; NH 852 Round Baler w/ Auto Wrap; IH 241 Round Baler.

RAKES: JD 640 Rake.

NH 258 Rake; NH 56 Rake; MF 585 Rake w/Dolly Wheel, Real Nice; (2) Ferguson 3 Pt. Rakes; Grimm Tedder; Lely 2 Star Tedder; Kuhn 4 Star Tedder.

HAYBINES: (1982) NH 1495 D. C.A. Hydro, 800 Hrs.; NH 1495 D Hydro w/Half Cab; NH 1495 Gas SP; 495; JD 2280 D Windrower w/Cab; (3) 489; NH 488; NH 479; 478; (4) NH 467 Haybines; JD 1219; JD 1209; NI 509, 9'; NI 509 Haybine, Real Nice; IH 990; Gehl 1080 Discbine; JD 1327 Diskbine, Like New; Hesston PT7.

New MC 7E; (2) M.C. 7E; MC 9E Rotary Scythe; NI 272 Cutditioners; NH 1010 Bale Wagon; NH 1010 Bale Wagon, good condition; NH #90 Bale Mover.

PLANTERS: Deutz Allis 385 6R Planter, Like New; JD 7100 12R 3 Pt. Hitch; JD 7000, 6R; JD 7000 6R Cons., Dry Fert.; JD 7000 6R Cons., Dry Fert.; JD 7000 6R Cons. Liq.; JD 7000 4R Liq.; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; (2) JD 7000, 4R Dry Fert., Full Equipment; JD 7000 4RN Liq.; IH 800, 6R Dry Fert.; IH 800 4R Liq. Plate Planter; IH 800 4R Liq. Air Planter; Hiniker 4R Econotill, No-till, w/ Kinze Units; JD 1240 4R Planter.

DRILLS: NEW JD 16x8 DD Drill; JD 8350, 23x7 w/ Fert. & Seed; JD 8300, 21x7 DD Drill; JD 8200 21x7 S.D. w/Grass Seed; JD 9300 Tandem Drill; JD 1550 Power No-Till Drill; Moore 18x6 No-Til Drill; Tye 24x6 Drill; 510 24x6 Double Disc; IH 10 16x7 Drill w/Fert. And Seed; Brillion SS 10' Seeder w/ Transport.

GRINDERS/MIXERS: Owatonna 450 w/Scales; Bearcat 1250; NH 352; Farmhand 850 Tandem Axle.

TILLAGE EQ.: PLOWS: Ford 3X Plow; White 3X Spring Reset, Howard 4X Para Plow, JD 2600 4X Trip Plow, JD 5X 16" Semi Mount Plow, White 508, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset, White 549 5-6x18 Spring Reset, JD 3200, 6X Reset, JD 8450 4x18 Rollover Plow, (2) JD 945, 5X Semi Rollover, IH 155 5X Rollover Onland, (2) JD 2800, 6X Onland, (2) JD 2800S, 7X; JD 2800, 7X Onland, IH 710, 7X Onland, IH 800 10X Flex Spring Reset.

CHISEL PLOWS: IH 5500, 7' Chisel Plow, Like New, IH 55 11' w/ Rake, New AC 1600, 12' Pull, JD 1600, 12' Chisel, Bush Hog 10' w/ Buster Bar, Brillon 12', w/Buster Bar.

DISCS: New Case IH 770 10' Offset Disc, Oliver 11 Ft. Transport Disk, Oliver 11', As Is, JD 110 12' Rock Flex, Bush Hog 11' Disc, White 252 12'; JD 310 Disc, Bush Hog 14' Disc; Miller 12' Offset Disc, Bush Hog 11' Offset, Krause 1452 14' Offset Disc; White 15' Offset Disk; Taylorway 16' Rock Flex Disk w/Harrow; White 18' Wingfold Disc, New Blades, JD 230, 21' Hyd. Fold; JD 331 Hyd Fold Rock Flex Disc; IH 470 18' Wing Disk; Rhino F90B 22' Hy. Fold, Rock Flex.

MULCH TILLERS: Willbeck 13'; Willbeck 7 Tooth Soil Saver; Glenco SS18 Fold Soil Saver; Brillion 9 Shank SOLD ver; Glenco SS7 Soil Saver; JD 10' SOLD rrow.

CULTIMULCHERS: Dunham Lehr 10' w/Inside Whls.; JD & Brillion 10', 12', 13' & 15'; Brillion 25' Hy. Fold Crowfoot Cultimulcher.

CULTIVATORS: IH 80 2R Front Mount; IH 468, 4R Front Mt.; JD 2R, 4R S Tine; McConnel 4R S Tine; McKee 4R S Tine, (2) JD RG 4, JD & IH 6R 3 pt.; Glenco 6R S-Tine Cultivator, JD 8R Cultivator, Noble and Brillion 6R S-Tine Cultivators, 8R Fold S-Tine Cultivator; (2) 3 Section Drag Harrows; (2) 4 Section Drag Harrows, Brillion 20' Hyd Fold Field Cult.; JD 20' 3 Pt. Field Cultivator, Brillion 20' Fold Harrow.

MISC.: Brillion 12' Packer w/Transport; Brillion 12' Packer, IH #14 5 Shank Spring Reset V-Ripper; I H 5 & 7 Shank V-Rippers w/ Gauge Wheels, Justus 2000 7' Rototiller

Used 400-15'; JD 400 Rotary Hoe

INDUSTRIAL: Arps 730 3 Pt. Backhoe; JD 165 3 Pt. Backhoe; Cat 955 Ldr., As Is; Ford 3550 Dsl. Ldr.; JCB 4 Wheel Articulated Loader, Dsl., Hydro.

1978 Case 580C Dsl. L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS; AC 715B L & B.; IH 300 Ldr. Backhoe; IH TD14, Angle Blade, $2,995; JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS: NH L445 D Skid; NH L35; Bobcat 444; Bobcat 533 D Skid, Case 1845 Gas Skid Loader, Case 1845 D Skid; (85) Case 1845 B Dsl.; IH 3200 Gas Hydro; Case 1737 Skid Loader.

LOADERS & BLADES: J D. 58, 148, 158, 260, IH 1850, 2000, 2050; 2350, Case IH 74L, Case IH 990 Ldr., Like New; Ford 727 Loader; Artsway HD loader for 4WD, AC 500 Loader for 185, etc., Ford Ldr For 8000 Etc., (New) J.D & I H Buckets, JD 8' Dozer Blade For 4430, Etc., JD 155, 9' Heavy Blade w/Hydraulics, Amco 905 Heavy Front Blade; York 8' 3 Pt. Stone Rake

LAWN & GARDEN: Ford 1510 Dsl., MFWD, Like New; JD 950 w/Ldr.; JD 950D, Dual Hydraulics, JD 850 MFWD w/PS, JD 332 Dsl.; Cub Cadet 582 w/Ldr. And Mower; Satoh SOLD T. Tiller; New Kubota 3200 D.T. With Mower; Satoh Dsl. SOLD 3 Pt. Mower; Satoh 550 w/3 Pt.; IH 184 LoBoy 3 Pt. With Mower And Blade, Cub 184 w/Woods Mower; Cub 154 Loboy w/3PT & 60" Mower; Farmall Cub w/Mower; 154 Lo-Boy; Cadet 782, Cadet 1650, 1450, 1250, 128, 126; J.D 400, 318, 317, 314, 216, 214, 212, 210, New Roper 14 HP Mower; AC 616 w/Mower & Blade, (New) Johnson Loader For Cub Loboy; Loader For JD 400; Snowblower For JD 300 Series, Kwickway Loader For Cub Loboy

New Yanmar YFL 1000 Ldr., New & Used York Rakes, Schutt 3PT Tree Digger

ROTARY CUTTERS: Bush Hog 14' Rotary Cutter; JD 1408 Rotary Mower, Rebuilt; JD 1508 Wing Cutter; IH 7' Rotary Cutter, Woods S-106 Ditch Bank Cutter, MC 7' HD Flail, IH Fast Hitch 5' Cutter, New IM 5' Rotary Cutter

SICKLE MOWERS: JD 350, Ford Sickle Mower, IH #100 Fast Hitch Dyna-Balanced Sickle Mower

MANURE SPREADERS: Better Bilt 1500 Gal Tank w/Vacuum, NI 354 Tandem Spreader, JD 660 Tandem Spreader, Martin V3300 Tandem Tank, Husky Tandem Axle Tank w/Injectors, Harvestore 2000 Gal Liquid Tank, Martin Scavenger II Tandem Axle, NH 367 Flail Tank, NH 383 Flail, JD 54, NI 218 Tandem Axle

Trailer load of (New) Killbros Bins & Running Gears, New Killbros 475 Grain Cart; John Bean Roto Mist 100E Sprayer; John Blue 1,000 Gal Tandem Axle Sprayer; 500 Gal Tandem Axle Sprayer; Westgo Rock Picker, Edwards Hydro-Swing, Tree Booms, w/Foot Controls, NI 45' PTO Elevator; New Zimmerman 36' Elevator; Rex 400 Gallon Sprayer, Farmhand 8' Snow Blower; JD Quick-Couplers; JD WF, 4WD, JD 42" Cast Wheels and Tires; I H Flat Top Fenders For 706-1466, I.H 66 Series Cabs, Year-Round Cab w/Air For IH 66 Series, (New) Full Vision Cabs For M F 275 & 285, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts., JD 243 Corn Head w/Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240

Ford Cabover w/Rollback, $3,850 As Is

Muv-All 30' Hyd Implement Trailer

J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc.

STRAW CHOPPERS: For J D 4400, 6600, 6620, 7700, M F 510

MECHANICS SPECIALS TRACTORS 4020 Tn AC XT190, clutch, $3,600

AUGUST SPECIALS

TRACTORS	
(70) JD 5020	$ 4,500
I.H. 706 Gas, WFE, F.H.	$ 2,900
I.H. 1206 W.F.E.	$ 5,550
MF 1130	$ 4,200
Case 1976, 1370 C A.P.S., Duals	$ 9,500
IH 1086 C.A	$ 9,500
COMBINES	
JD 55 Square Back w/Cab, 12' Grain & 2R Corn	$ 2,500
Case 1660 Gas w/6 Row And 13'	$ 1,950
1973 JD 6600 D. C.A. w/Grain Head (Needs Work)	$ 4,500
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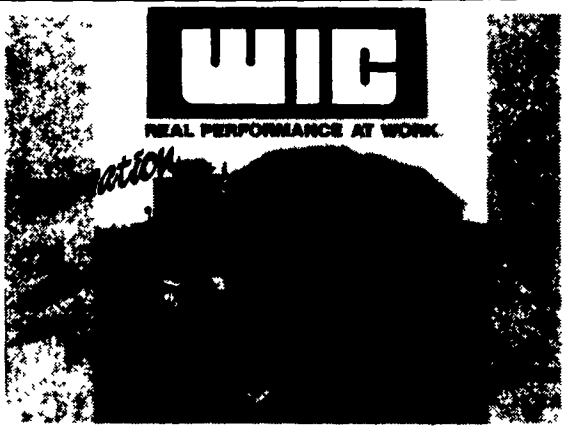

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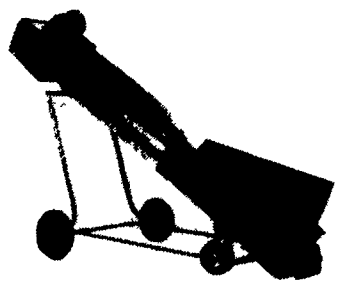

- Horizontal or inclined
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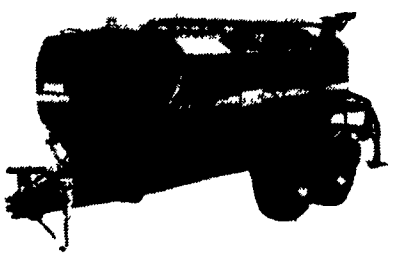

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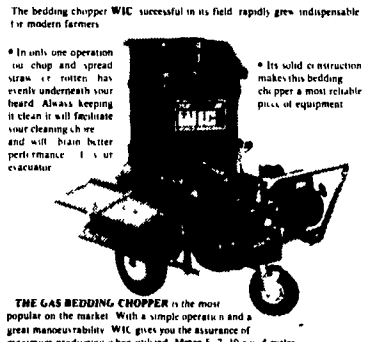
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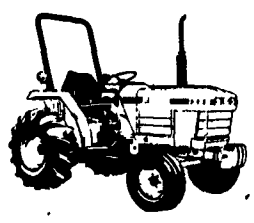

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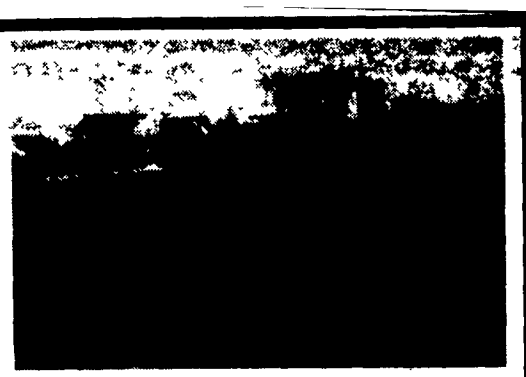

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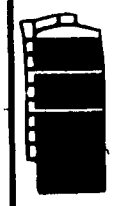

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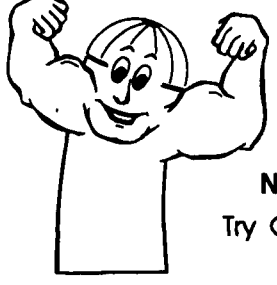

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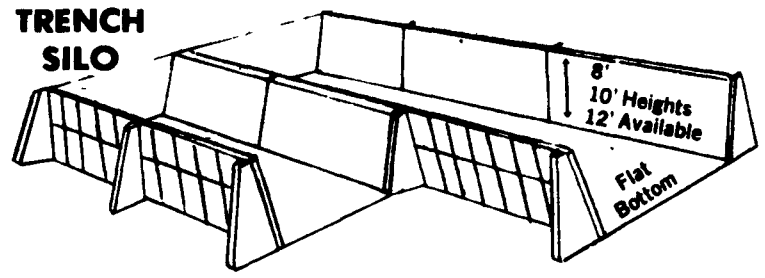

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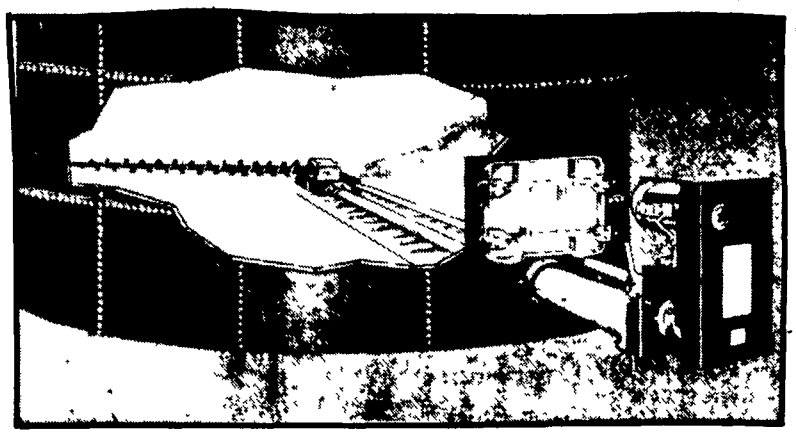

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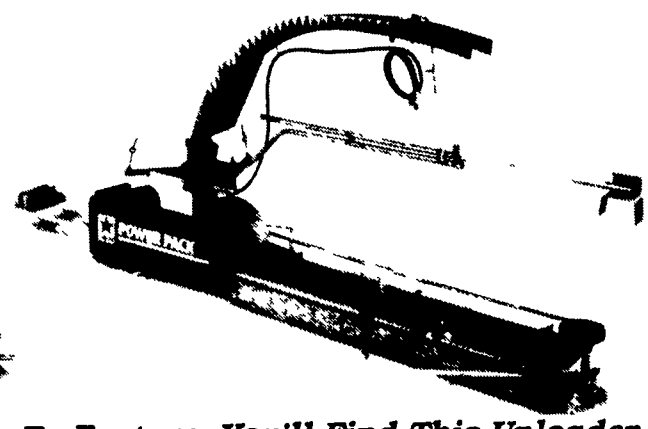

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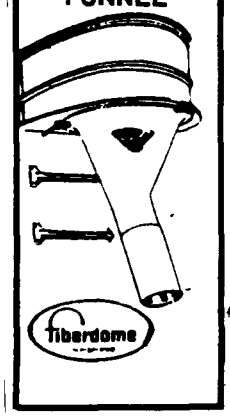

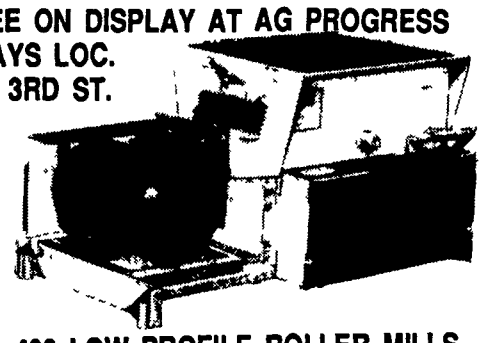

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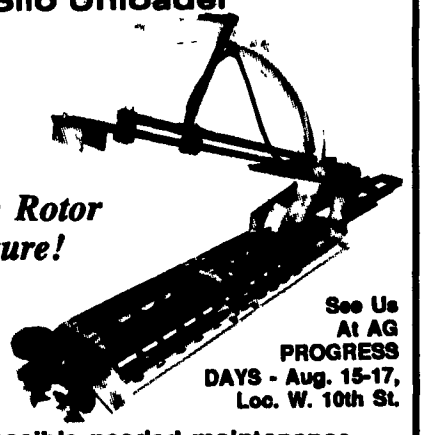
- 26 Inch Stainless Steel Rotor Housing With 4 Stainless Steel Parts



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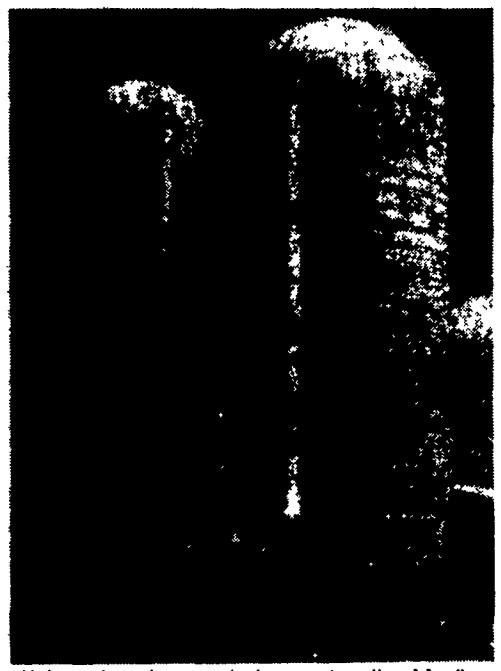

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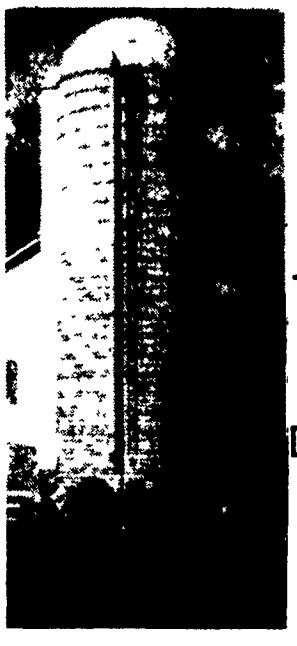

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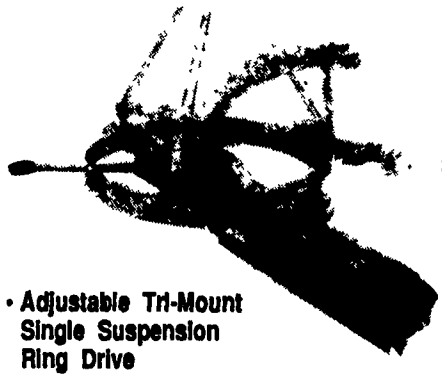
Silo Unloader

THE UNLOADER OF THE FUTURE



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Fickes Silo 16'x40' aluminum roof, concrete staves. Very good condition. You move. $2300. 215/488-6374

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20x50 Harvestore expandable to 60' with Goliath unloader w/227 hrs. Bought new, used three years. $15,500. (215)754-7593.

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To have mold free haylage, corn silage, and high moisture grain, install a May-Co plastic liner, in silos with or without unloaders. Easy to install. Immediate delivery when necessary.

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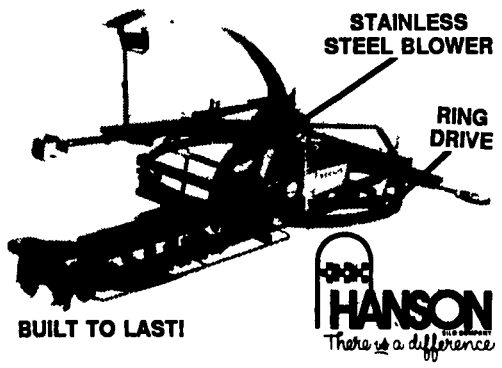

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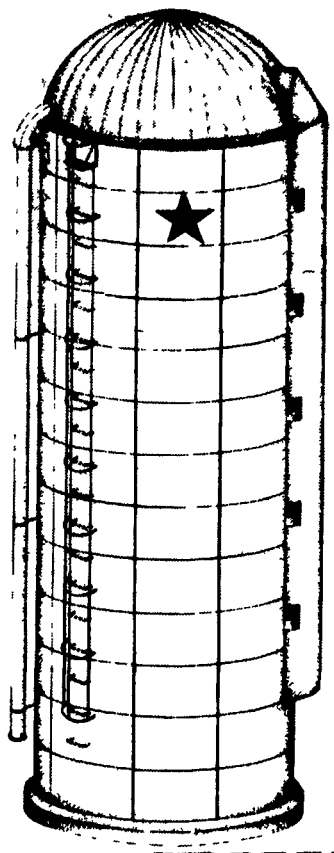

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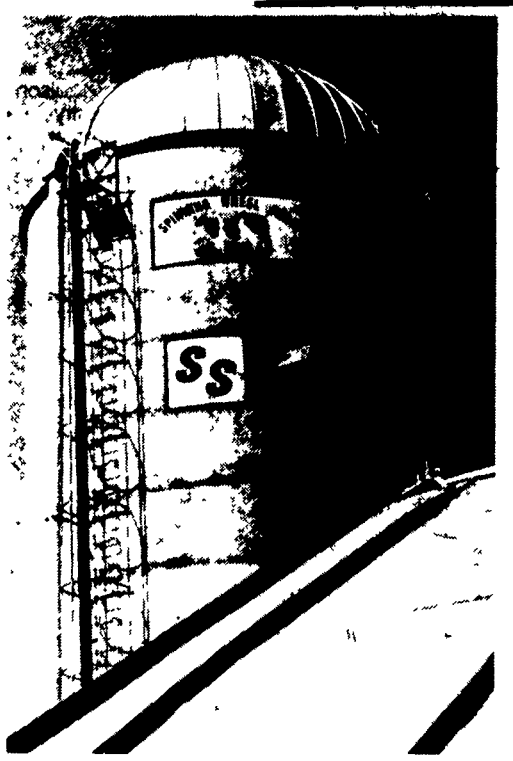
- ❑ 2. Top Unloading Concrete Silos
- ❑ 3. Upright Bunker Silos
- ❑ 4. Manure Pits
- ❑ 5. Feed Bunks
- ❑ 6. Cattleguards
- ❑ 7. Industrial Silos/ Tanks

"Consider The Concrete Advantages"



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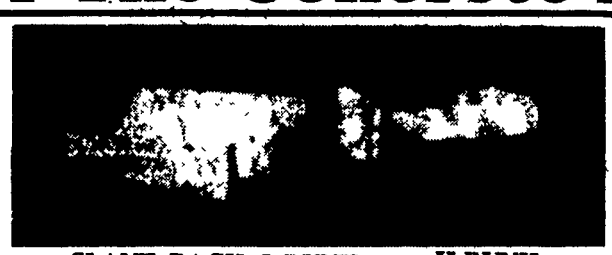
Solid 6" concrete wall, heavily reinforced with hi grade steel, and equipped with concrete chute, fill pipe, ladder, safety cage and aluminized steel roof. Our conventional top unloading silo has a door system 2nd to none!



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Let Us Know Your Needs. We Can Deliver From Our Large Inventory And Set On Your Prepared Site. OR: We Can Load On Your Truck To Help Save On Freight Costs. We Have Several Sizes And Styles To Choose From, Plus Metal Posts, For Cable, Which Can Be Bolted To The Bunk To Keep Cattle Out.

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- Manure Storage Systems For The Small Herd - or The 400 Cow Herds And Larger.
- Systems Adaptable To Any Type Equipment
- SCS Approved
- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.
- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.

WOW!! Can you believe this weather? Many areas that experienced "too dry" in '88 are now experiencing "too wet" in '89.

The weather has caused delays in most all activities relating to agriculture and construction. The weather is also causing forages to grow "like never before." We have been extremely busy all spring and summer and the interest for fall silos is at a very high level.

IN ORDER TO MEET THE EXPECTED DEMAND, WE ARE ADDING EVEN MORE CREWS, BUT, DON'T DELAY MUCH LONGER OR IT MAY BE DIFFICULT TO MEET YOUR SCHEDULE FOR A POURED CONCRETE SILO. WE'LL DO THE BEST WE CAN TO MEET YOUR NEEDS. PLEASE CALL SOON!!

Remember, we don't have used silos, rebuilt silos or pre-owned silos. The SOLLENBERGER SILO is all new, poured in place on your farm and built for generations of use.

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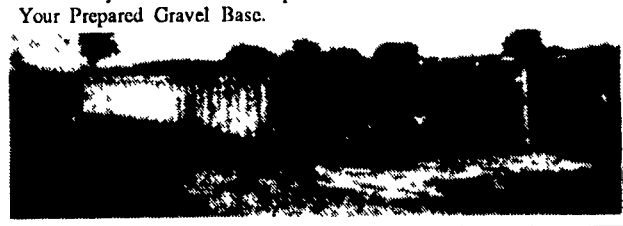
Also Suitable For Grain Storage, And Practically Any Other Bulk Material.

The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing. With The Tongue and Groove Edges. It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good." Delivered And Set On Your Prepared Gravel Base.



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Sollenberger Silos Corp.
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Best Time To Call_____
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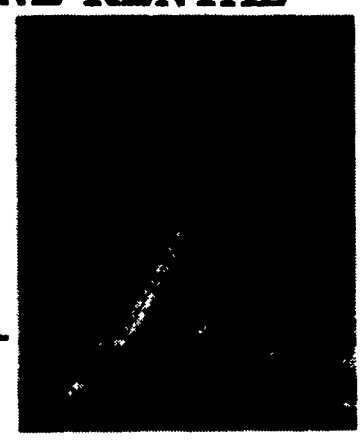

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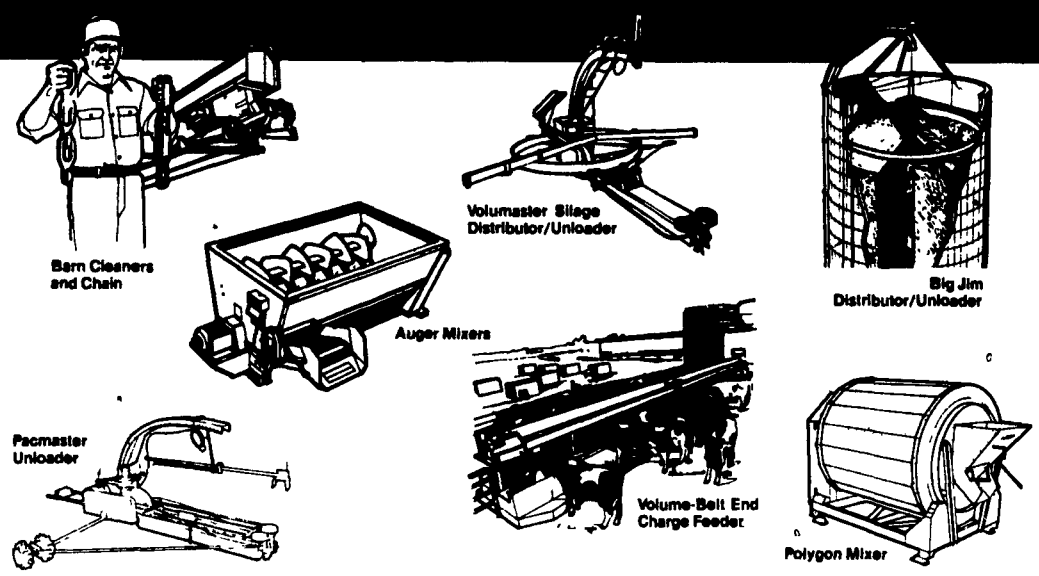

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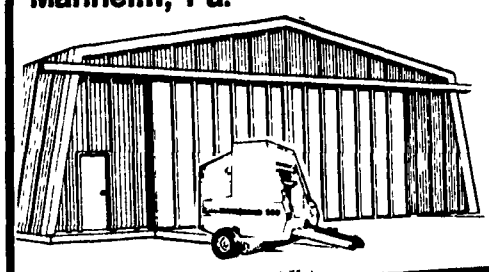

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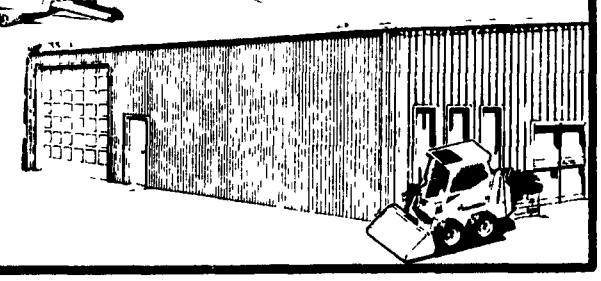

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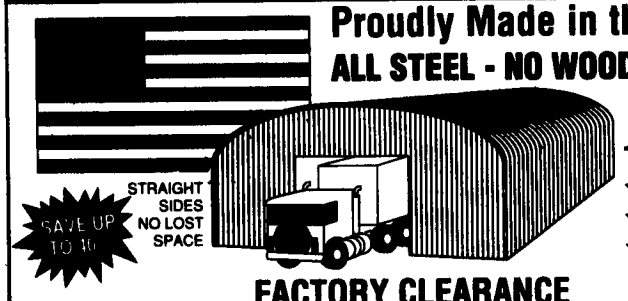

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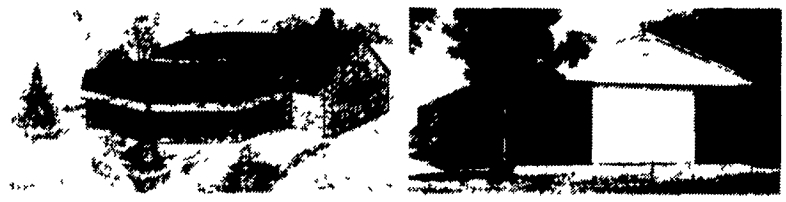

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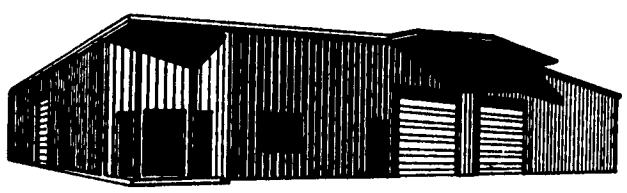

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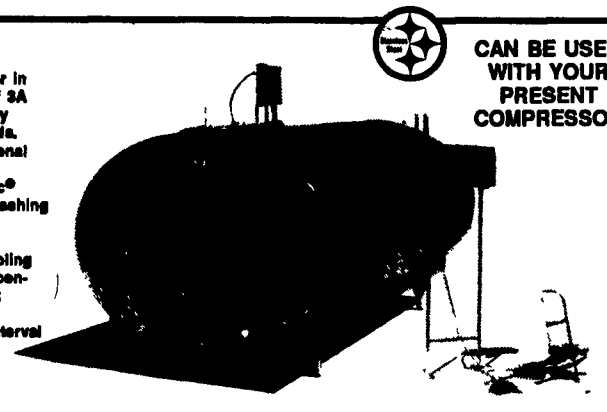

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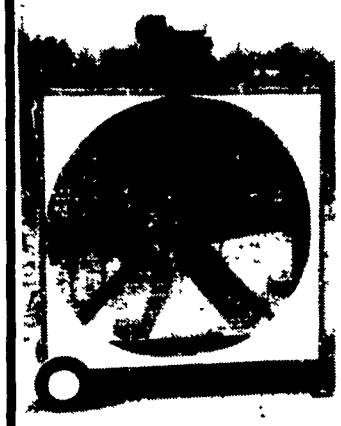

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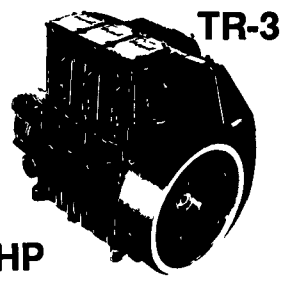

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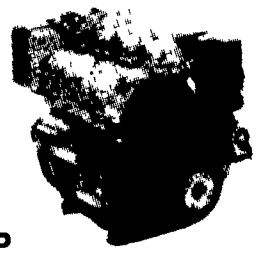

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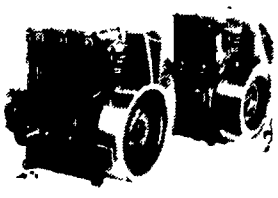

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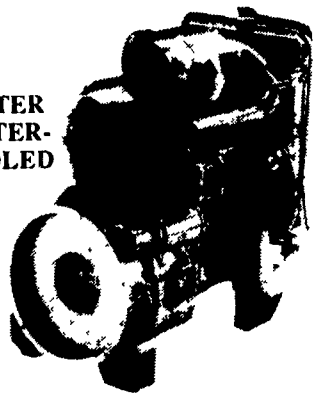

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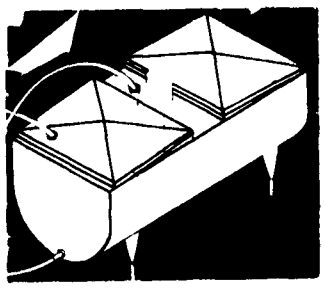

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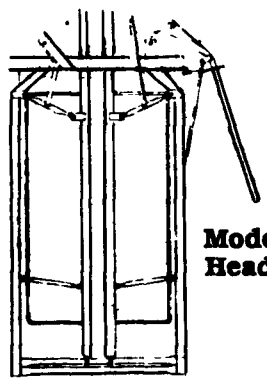

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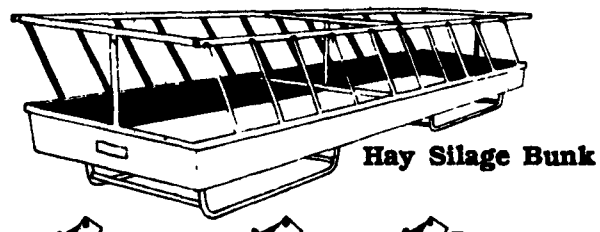

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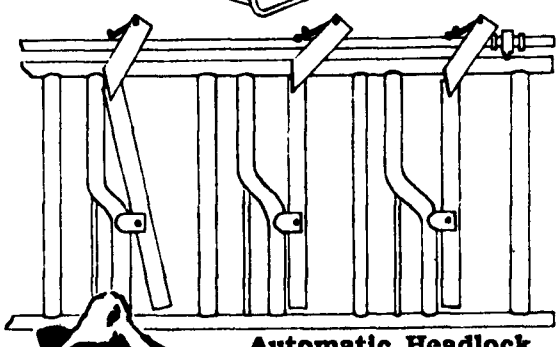

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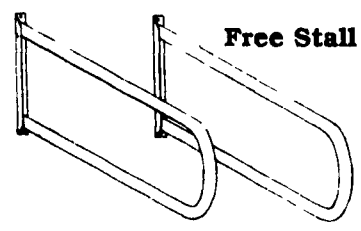

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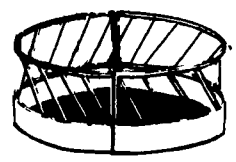

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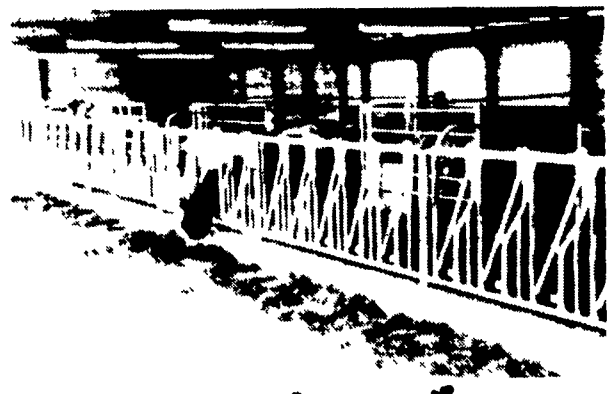

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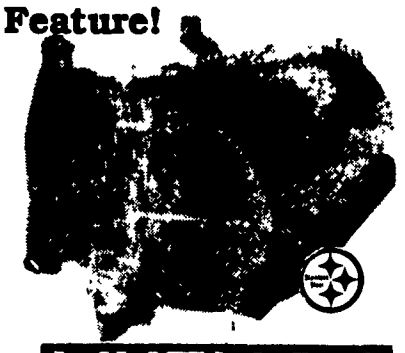

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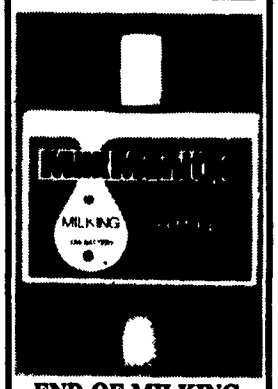

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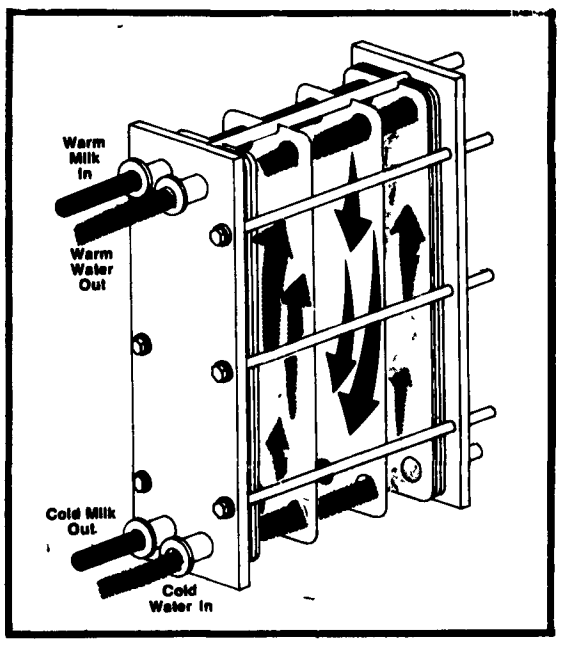

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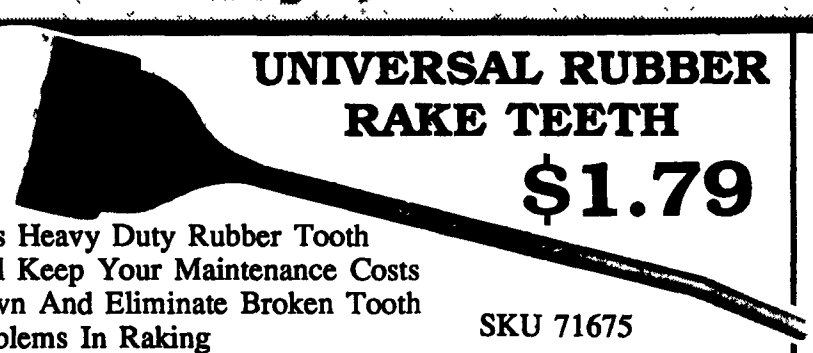

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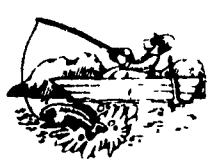

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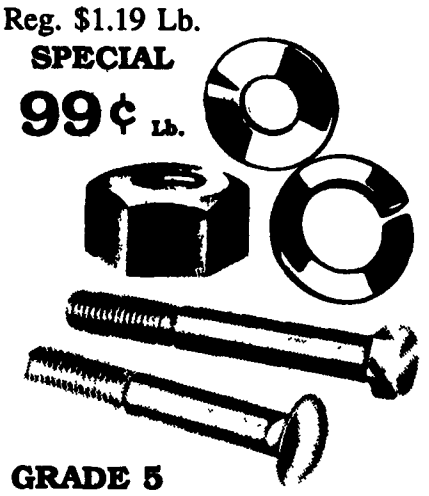

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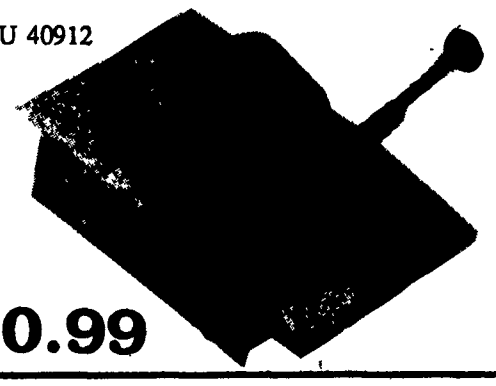

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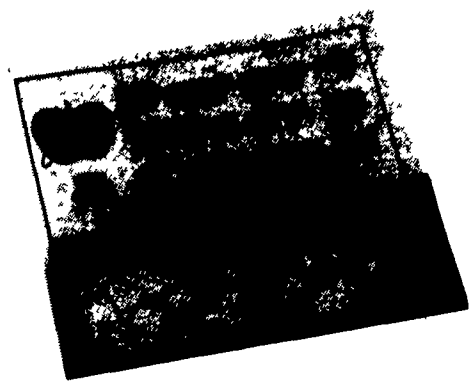

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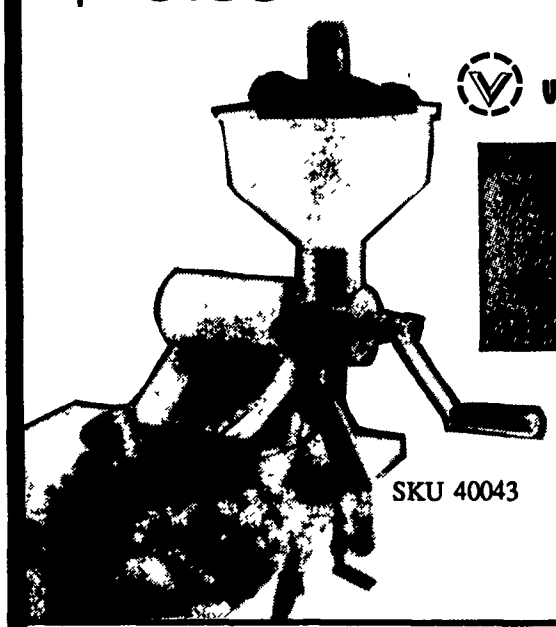

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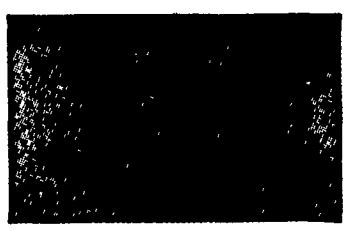

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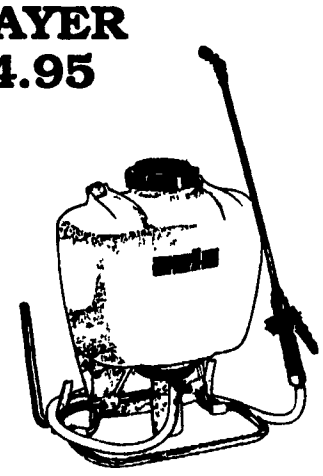

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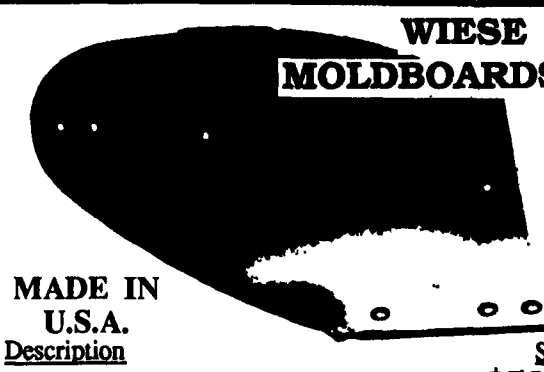

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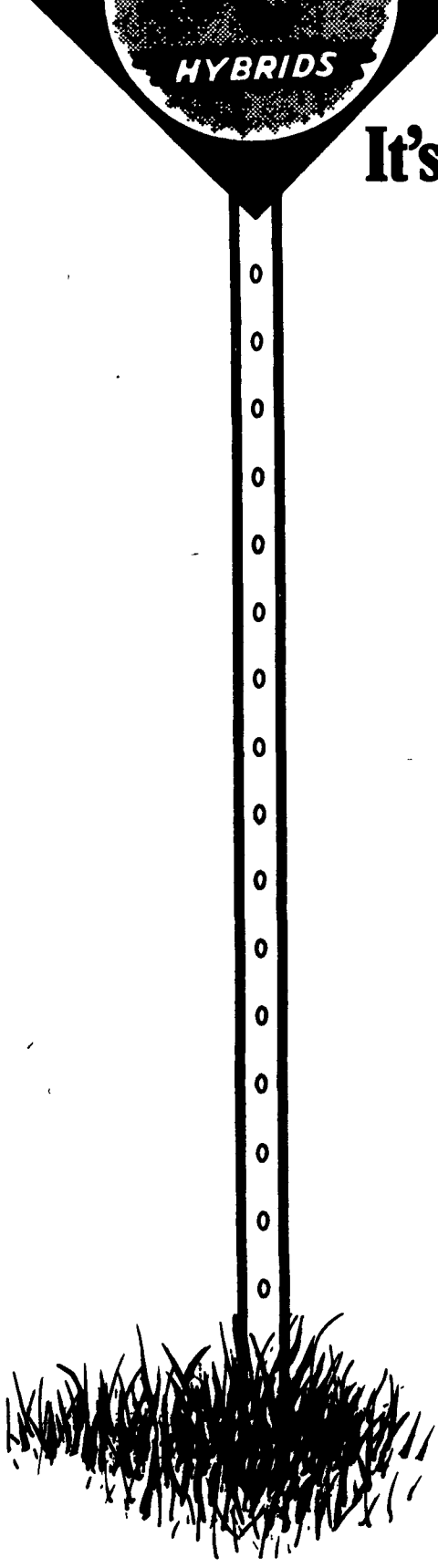

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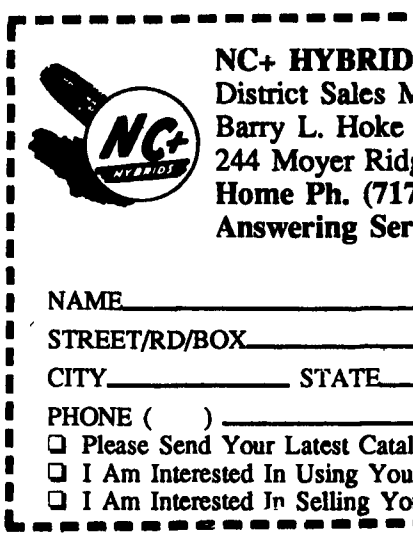

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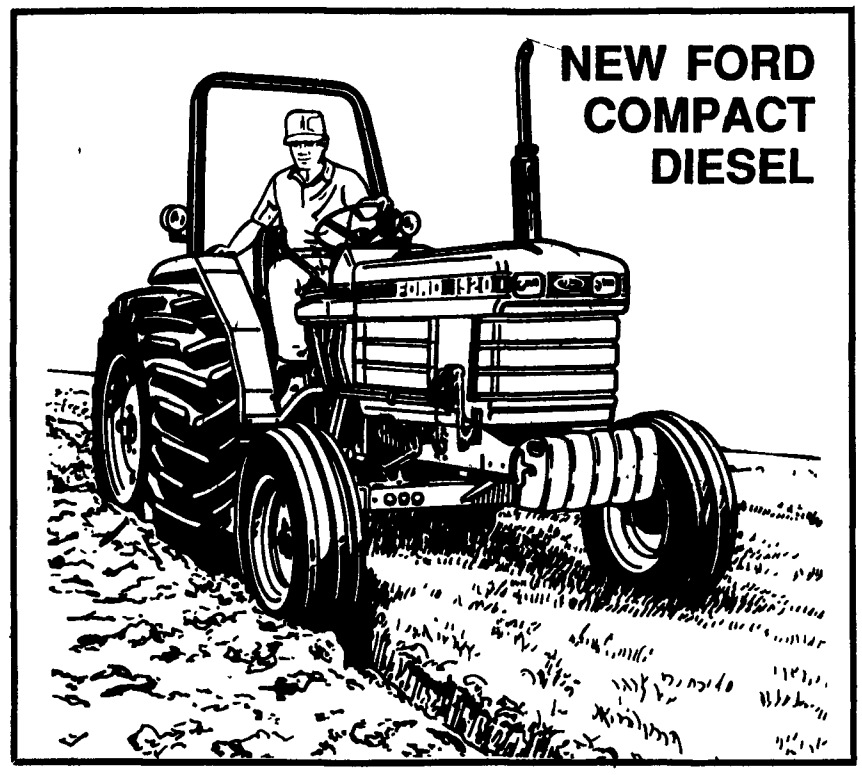

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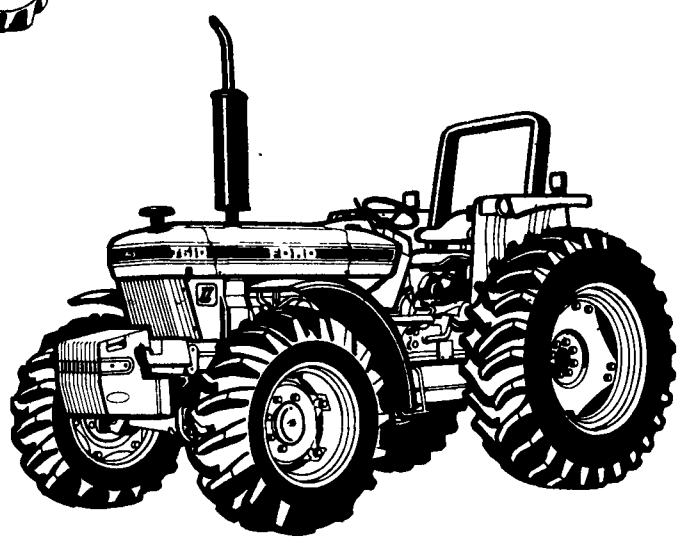

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New Conservation Workshops

UNIVERSITY PARK, Pa. — Intensive grazing, pond construction, terrace farming and crop residue management are features of the conservation demonstration program at Penn State's Ag Progress Days, August 15-17.

"Our emphasis this year is related to low-input agriculture and protecting water quality. These special workshops have been developed for the beginner as well as the seasoned producer," says Joel C. Myers, state agronomist for the Soil Conservation Service and chairman of the Ag Progress Days conservation committee.

The intensive grazing workshop will be conducted twice a day at 10:45 a.m. and again at 1:45 p.m. by Tom Calvert, area agronomist with the Soil Conservation Service in Somerset County. He will demonstrate and discuss intensive rotational grazing systems including initial considerations for the beginner such as selecting equipment, sizing paddocks and managing vegetation. Seasoned practitioners will learn about using sophisticated equipment and advanced management practices such as using brassicas and warm season grasses, stockpiling forages and using fall grains for late fall and early spring grazing.

The pond construction tour, coordinated by Pete Vanderstappen, area engineer for the Soil Conservation Service in State College, will be offered twice a day at 10:30 a.m. and 2:30 p.m. Members of the Pennsylvania Land Improvement Contractors Association will be constructing the pond according to plans developed by the Soil Conservation Service. Ag Progress Days visitors will be able to watch excavation and construction techniques and learn about ways to control erosion and sedimentation. Ponds can be used for irrigation, livestock watering, fire safety, recreation and wildlife management. Weather permitting, pond construction will be completed by the end of Ag Progress Days.

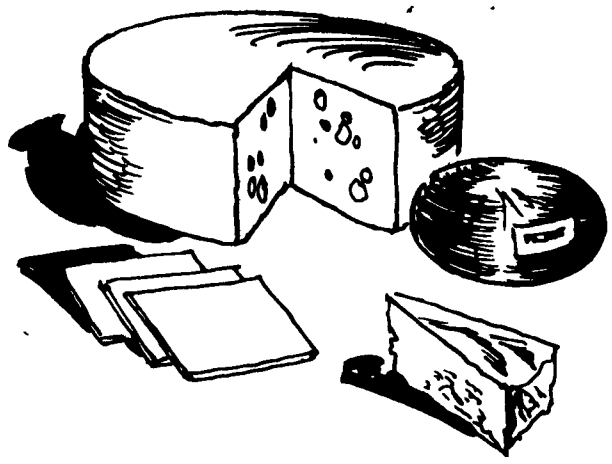
How to farm cropland terraces will be demonstrated in conjunction with the equipment demonstrations on Wednesday, August 16, at 11:30 a.m. Terraces are broad-based ridges across the slope of a field that are designed to intercept surface water and carry it to an appropriate place off the site. The workshop will include information about using farm machinery in conjunction with heavy earth-moving equipment to reduce construction costs as well as demonstrations of planting and harvesting techniques that allow the whole cropland area to be used for production.

A workshop on managing crop residues that focuses on the effects of several types of tillage practices on surface residues will be held daily at 2:00 p.m. The type of tillage implement, the number and sequence of passes, the depth and speed of tillage and the distribution of residues before tillage all affect the amount of residues on the surface of a field after planting. The workshop includes discussions of primary and secondary tillage operations, the use of sweeps or points on chisels and field cultivators as well as demonstrations of the effects of various tillage tools and teeth. This workshop will help farmers comply with the residue management requirements of USDA programs. An educational exhibit on crop residue management will be shown in the conservation tent.

The conservation program also includes a general soil and water bus tour every half hour from 10:15 a.m. to 3:15 p.m. and a forestry and wildlife walking tour every hour from 10 a.m. to 3 p.m. Advance tickets are available free at the conservation education tent. All tours and workshops leave from the tent.

The conservation area at Rock Springs has been developed over the past 10 years by the College of Agriculture, the Soil Conservation Service and the Pennsylvania Land Improvement Contractors Association to demonstrate the latest in soil, water, woodland and wildlife conservation practices. More than 50 agencies, organizations and businesses have contributed to creating the site for teaching, research and demonstrations.

Penn State's Ag Progress Days features over 1,500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.



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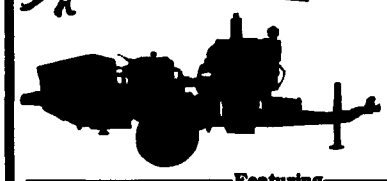

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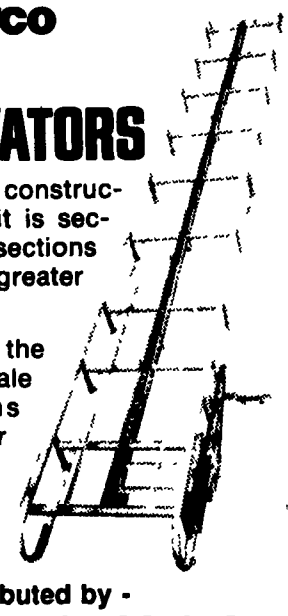

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Exaggerated Milk Surplus Figure Calls For New Calculations

SYRACUSE, NY — The amount of surplus milk production in the United States is being seriously overstated according to Clyde E. Rutherford, President of Dairylea Cooperative Inc. and former chairman of the National Commission on Dairy Policy.

In a statement submitted to Congressman E. (Kika) de la Garza, Chairman of the House Agriculture Committee, Rutherford, an Otego, NY, dairyman, called on the Congress to change the method of computing the milk surplus. The statement, submitted in writing, was to be included with the record of the Committee's July 12 hearing in Washington, DC, on the 1990 Farm Bill.

"The combination of surplus purchases by the CCC should be based on total milk solids when calculating the milk equivalent," said Rutherford. He pointed out that the present method of converting the amount of butter purchased by the Commodity Credit Corporation (CCC) back to the equivalent amount of milk, is no longer valid.

"The use of milkfat as the sole criterion for surplus calculation greatly overstates the actual milk surplus. The only product that is in any significant excess is butter, while the other solids in milk (such as nonfat milk powder) are very much in demand by the commercial market. It clearly overstates the surplus situation if 3.67 pounds of fat in 100 pounds of milk causes the USDA to identify the other solids in the milk (i.e., 3.6 pounds of solids other than fat) also to be surplus, even though they are being commercially marketed and never see a government warehouse."

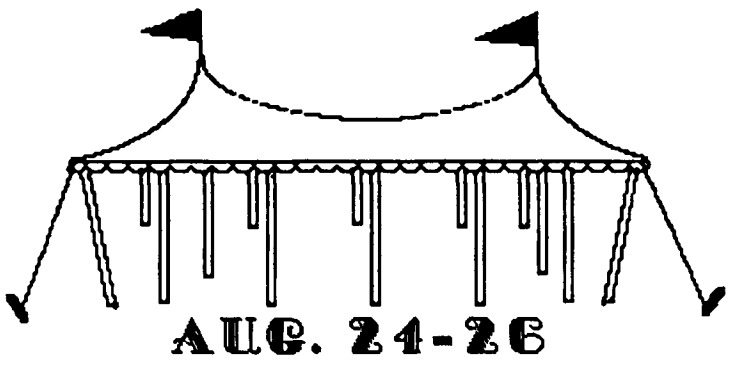
Rutherford pointed out that using all milk solids as the basis for calculations, the milk surplus projected to be purchased by the CCC will likely total only about three or four billion pounds. Using the milkfat method of calculation, the projected surplus is estimated at about nine or ten billion pounds.

The basic milk price is reduced if the projected surplus is in excess of five billion pounds, said Dairylea's president, which makes the method of computation extremely significant to farmers' income.

Rutherford also urged the Committee to include provisions in the 1990 Farm Bill that will allow the Secretary of Agriculture to use mechanisms other than price cutting to deal with the level of the nation's milk supply. He said that the Dairy Commission had recommended that the Secretary have as standby controls (1) a limited dairy herd buyout program and (2) a pricing program that attaches penalties for excess production to milk which is produced above specified market needs. Continually cutting price to reduce the surplus, said Rutherford, injures all dairy farmers whether they are contributing to a surplus problem or not.

"Those who advocate price as the ONLY factor in reducing excess production," said Rutherford, "are practicing the old Roman punishment of decimation . . . killing every tenth person whether guilty of any crime or not. An already shrinking population of dairy farm families deserves better treatment than that."

TENT SALE



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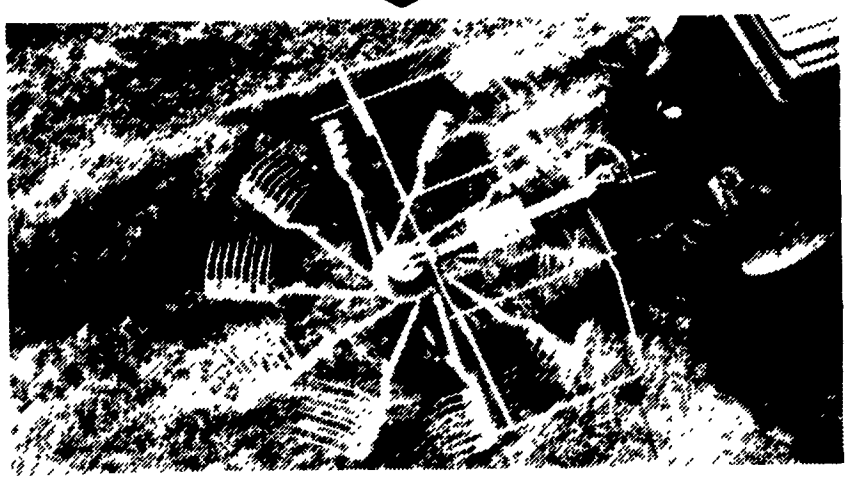

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Kuhn GA series rakes let you rake or turn windrows for better quality hay in less time. One machine does it all!

- GENTLE — High speed rotary raking action.
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Western Maryland Field Day Set

COLLEGE PARK, MD. — Interested in learning how to get more value out of your agricultural production dollar while reducing your use of purchased off-farm inputs? How about exploring opportunities to diversify sources of farm income? If so, plan to attend the Western Maryland Ag Field Day on September 7.

"This year's Ag Field Day offers a variety of current information designed to help farmers and the larger rural community improve the efficiency of farm production and enhance the agricultural environment," said Dr. Dave Sammons, acting head of the Western Maryland Research and Education Center.

"Our theme - 'Protecting the Environment, Enhancing our Natural Resources'- addresses these related issues and is reflected in the topics chosen by several of our wagon tour speakers," Sammons said.

Wagon tour topics at this year's Ag Field Day include:

* Low-Input Cropping Systems.
* Biological Control of Thistle.
* On-Farm Nutrient Management in Western Maryland.
* Pest Management Alternatives in Alfalfa Production.
* On-Farm Forestry and Wildlife Management.
* Update on Fruit Production Research and Opportunities in Western Maryland.

The wagon tours run from 9 to 11:30 a.m., with the last tour leaving at 10:30 a.m. The field day also offers farm equipment demonstrations, corn and soybean variety showcases, and displays of agricultural equipment, farm services and the University of Maryland agricultural programs.

A new addition to the field day, the Mid-Atlantic Fruit Variety Showcase/Tour, is from 2:30 to 6 p.m. The traditional $1 hog roast starts at noon; the luncheon speaker is Dr. Archibald Park, Assistant Secretary for Animal Health and Consumer Services, representing Maryland Secretary of Agriculture Wayne A. Cawley Jr.

All events are open to the public; Sammons urges all interested area residents to attend. Luncheon reservations are due by August 31 and can be made by calling (301) 791-2298.

To find the Western Maryland Research and Education Center, exit Interstate 70 to Md 65 near Hagerstown. Proceed 7 miles south on Md 65, then turn left on Keedysville Road. The Center entrance is .9 miles down Keedysville Road on the left.

The Western Maryland Ag Field Day is sponsored by the University of Maryland's Agricultural Experiment Station and Cooperative Extension Service, and the Washington County Ag Demonstrators.

Maryland Farm Families Host Soviet Students

ANNAPOLIS, MD. — Thirteen farm families in Maryland are hosting agricultural students from the Soviet Union for two months this summer as part of an exchange program. The host family farms are located in Baltimore, Carroll, Cecil, Dorchester, Harford, Wicomico and Worcester counties.

The Maryland Department of Agriculture and the Maryland Farm Bureau coordinated the visits which are the first of their kind in the United States.

"The students are from Timiryazev Agricultural Academy in Moscow, the top agricultural school in the Soviet Union, and this is a tremendous opportunity for them to learn about agricultural practices in the United States," said Robert L. Walker, Deputy Secretary of the Maryland Department of Agriculture.

"I am proud that the Maryland agricultural community has demonstrated such enthusiasm and hospitality for this unique exchange," Walker said.

Host families provide room and board for the students while they are living, working and seeing what everyday farm life is like in the United States.

The exchange program is an outgrowth of an agreement recently signed by the University of Maryland and the Timiryazev Academy.

For further information, contact Deputy Secretary Robert L. Walker, Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, MD 21401, (301) 841-5881.

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   a Performed by professionals quickly at reasonable cost.
   b. By yourself with your own or rented equipment.
   c Or other more conventional methods.
2. **APPLICATION** - To insure better adherence to this super prepared surface; use the best fine bristle brush in four directions to evenly distribute the recommended mil thickness of seal coat coverage.
3. **SPECIALIZATION** - Every barn is different but generally it's best to use a high quality mildew resistant product, specially formulated to meet the requirements of this partially weathered wood that was and will be weather stressed.
4. **WARNING** - The modified oil latex is less effective as a wood preserver and actually increases nail & metal deterioration. Deal with home people. At their rates, I could double mine.

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Is this man cheating on his neighbors?

Let's consider what his neighbors are saying:

1 Joe thought he saw him test driving those new "Big Thinkers" from Massey-Ferguson the 115-hp* M-F 3630 and the 130-hp* M-F 3650 Datatronic™/Autotronic ™ tractors Did he buy one and not tell them?

2 Pete heard him say his tractor automatically controls wheelslip for greater productivity. Pete says you're cheating if you don't lift and lower implements yourself to prevent spinning out in tough spots

3 He told Ron he hasn't had ringing ears and backaches since he got the "Silent Revolution" cab with deluxe, swivel seat and filtered, climate-controlled air Ron says you have to breathe dust, brave icy winds and have hearing loss to be a real farmer

4 He told John he saves time, fuel, seed, fertilizer and chemicals by using radar to measure his exact ground speed Since getting his third speeding ticket, John says using any radar is cheating

5 Every night, Bill hand-calculates his fuel efficiency, area worked and other performance figures He says anyone who'd get an M-F Datatronic tractor to instantly display all these numbers is cheating

6 He told Jack his tractor has an "auto-pilot" to help operate the PTO, differential lock, implement depth and 4WD functions. Jack misunderstood him, and is now telling people that anyone who needs a "co-pilot" shouldn't be farming

7 He told Tom that he should buy a new M-F 3600 Series tractor for excellent dealer service and the opportunity to join the exclusive MF Club, which offers special discounts on everything from filters to vacations Tom thinks this is too good to be true

8 Peggy noticed he's wearing a new Massey-Ferguson digital wrist watch He claims he got it free She thinks he stole it

Is this man cheating, or just smart?

Could a new M-F 3600 Series Autotronic/Datatronic tractor really give you all these advantages?

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Pennsylvania Dairy Herd Improvement Association

BREED CODES

1—Ayrshire 4—Jersey 7—Red Dane
2—Guernsey 5—Brown Swiss 8—Mixed
3—Holstein 6—M. Shorthorn 9—Red and White

June, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Roy & Glen Henry	B3	69.4	89.9	21,699	786
John L Van Horn	3	43.3	89.9	19,635	772
Chriss+Trish Nipple	B3	44.6	90.3	19,878	741
Steve+Barbara Wilson	3	36.1	84.5	20,146	734
S F Metz	B3	93.0	87.7	19,595	730
Rick+Jeanette Saner	3	47.8	88.3	20,835	728
Delmar D Auker	B3	75.8	88.7	20,372	727
Mark L Zook	3	65.2	89.0	20,631	725
Sam + Randy Shearer	B3	39.1	88.8	19,721	723
Harold B Shearer	3	37.7	88.4	19,827	717
Jim Jr Richard Speer	B3	61.4	91.8	19,192	701
Barry E+Barb A Lucas	B3	49.9	83.7	19,313	701
Ken Smith+Ken G Dunn	B3	6.9	88.6	19,626	700
Harold+Jeff Kauffman	3	39.6	89.1	19,411	699
Larry R Naylor	B3	32.6	85.5	18,957	686
Daryl&Del Brubaker	3	82.1	87.2	19,366	685
Melvin M Martin	B3	80.7	86.6	18,693	683
Glenn&Shirley Graham	B3	49.3	87.7	19,889	682
RE Shearer+Family	B3	64.8	85.9	19,816	681
Donald Q Adams	3	48.1	87.6	19,213	681
Russell J Dressler	B3	52.0	82.1	18,809	680
Rodney-Brenda Conrad	B3	47.8	89.1	19,736	679
Glenn R Love & Son	3	54.7	87.9	18,777	679
RB + Frank Crawford	B3	55.0	86.3	18,202	676
Will-Mae-Acres	3	41.0	91.4	17,998	675
Raymond E Kauffman	B3	66.8	84.9	19,353	674
Barbara E Brubaker	B3	44.4	86.1	18,840	672
Harshbarger Brothers	B3	40.6	85.9	17,440	671
Charles Wochley	3	63.9	87.6	17,271	668
John M Zimmerman	G3	64.8	88.9	18,316	667
Russell Adamire Jr	B3	68.4	90.1	16,673	661
Richard K Bailor	G3	42.0	85.4	18,484	660
Norman & Peggy Love	3	46.6	86.2	17,439	652
Herbert H Keiser Jr	B3	55.9	90.4	20,017	651

Lactations

Roy & Glenn Henry			
Heather	26,253	931	
Java	22,379	915	
Donald Q Adams			
Val	21,259	909	
Edwin Neidig			
54	23,179	892	
Raymond Kauffman			
Rosin90	27,786	887	
Rick & Jeanette Saner			
Lucky	23,960	879	
John L Van Horn			
Veenie	21,783	877	
Vanessa	21,986	860	
Donald & Judy Sieber			
Lana	21,095	866	
Primros	22,753	855	
S F Metz			
Fritzie	21,202	864	
Delmar D Auker			
95	21,046	850	

Columbia County DHIA

June, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Hunter Crest Farm	B3	53.9	90.9	23,758	908
Jan Jurbala	3	28.4	88.0	23,447	899
Richard Kriebel	B3	57.3	90.3	23,358	878
John W Turofski	G3	31.0	88.6	20,689	814
Duane E Shuman	B3	32.3	89.9	21,499	789
J Robert Book	B3	59.5	88.8	20,669	780
John Stemrich	B3	29.3	86.8	19,384	758
Shultz Bros	3	67.9	89.6	19,248	756
Richard Yule	3	50.1	87.0	20,556	753
Robert C Bronson	3	57.2	90.4	21,907	735
Bruce+Brenda Hemisarth	2	45.0	83.6	15,017	734
James L Kline	B3	25.6	89.8	19,707	714
Valley Stream Farm	B3	64.8	87.7	20,201	705
Jay E Wise	B3	43.5	93.9	19,695	703
Clyde Bartholomew Jr	B3	34.8	84.6	17,673	666
Circle C Farms	B3	32.1	89.4	17,211	664
Barry D Wise	B3	50.9	87.1	17,490	655
Marilyn L Kearkuff	B4	22.6	83.9	13,117	655
Lyons Den Dairy	B3	149.5	84.9	18,445	652
Tri Vale Farms	B3	40.7	82.7	16,718	651

Lactations

Lyons Den Dairy						
Enid	3	3-8	305	26,684	3.4	921
Richard Kriebel						
Vicki-G	3	6-0	305	25,441	3.7	964
Lonnie	3	4-3	305	25,317	3.8	963
Fern	3	3-8	302	24,985	3.4	864
Jan Jurbala						
#Klear	3	3-3	291	25,697	3.5	906
Melinda	3	1-11	305	23,204	4.0	930
Richard Yule						
#Jenny	3	4-8	304	22,876	3.8	873
Craig Fester						
Julip	3	7-4	305	21,811	3.9	855

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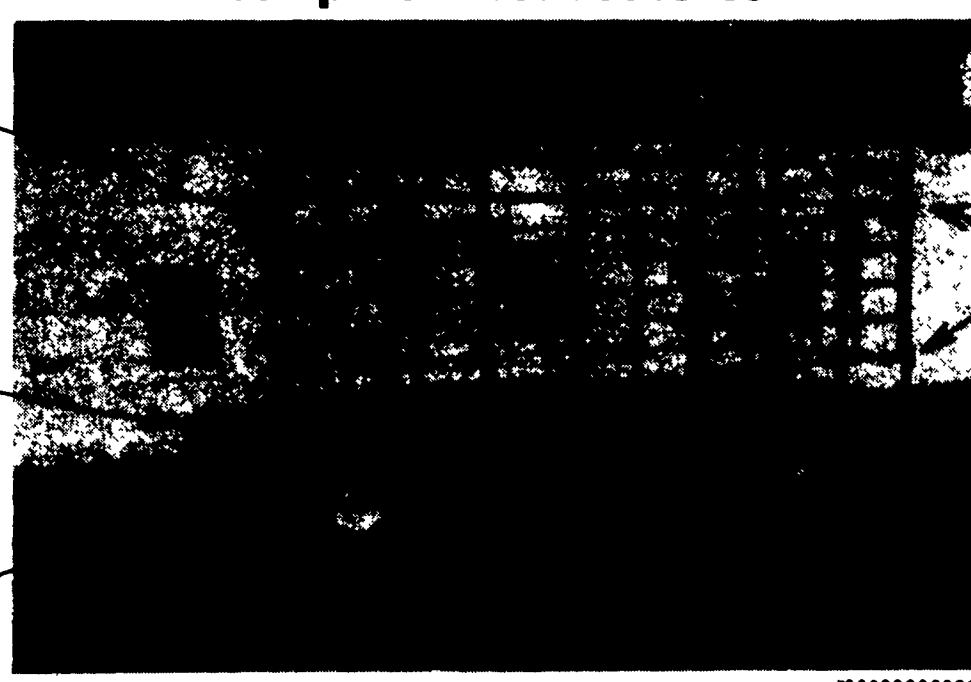

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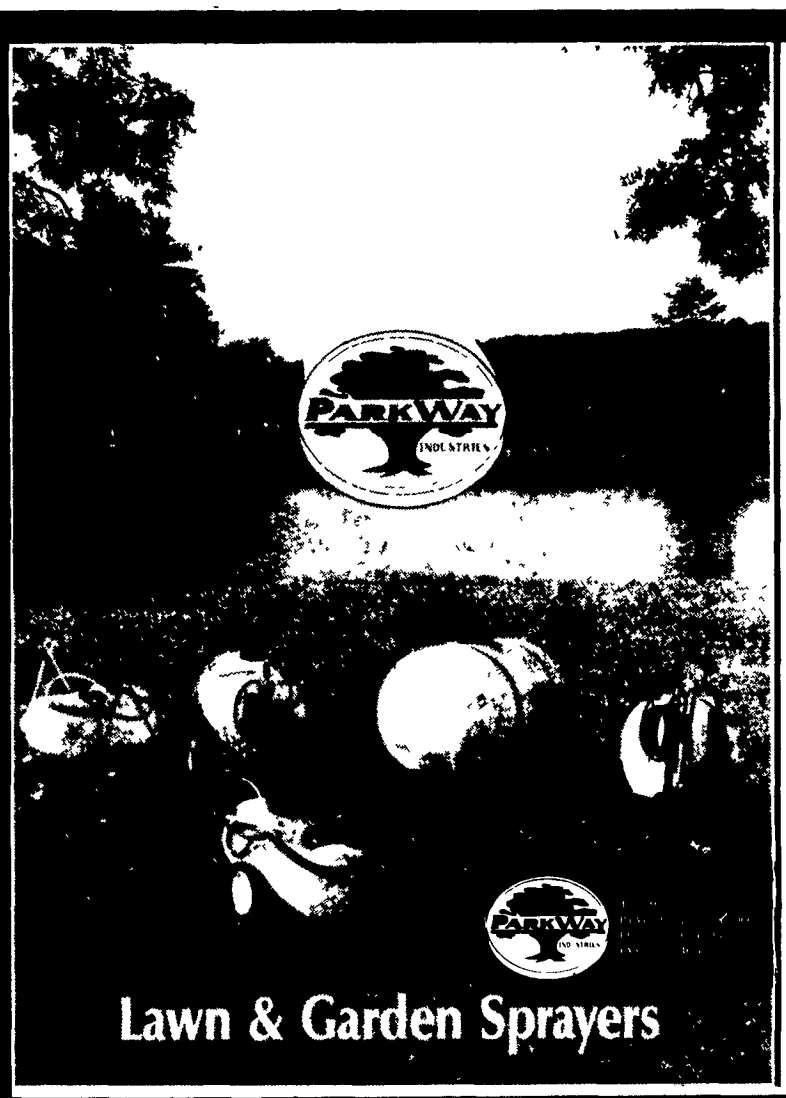

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Portable Band Saw Mill for Precision Sawing

"The Saw II" is a band saw mill built to cut dimensional lumber from a log, accurately and smoothly. The Kasco mill is built durable, having heavy 2"x3" tubing, 4" channel iron, and ¼ "x10" plate in mill frame. Track is of 4"x4"x½ " angle iron. Heavy shafts on which the blade wheels run are 1½ " diameter and 37¼ " long, supported on each end with heavy ball bearings, giving extra stability and longer trouble-free life.

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Thus, a customer of "The Saw II" can expect the equipment to give years of satisfactory service.

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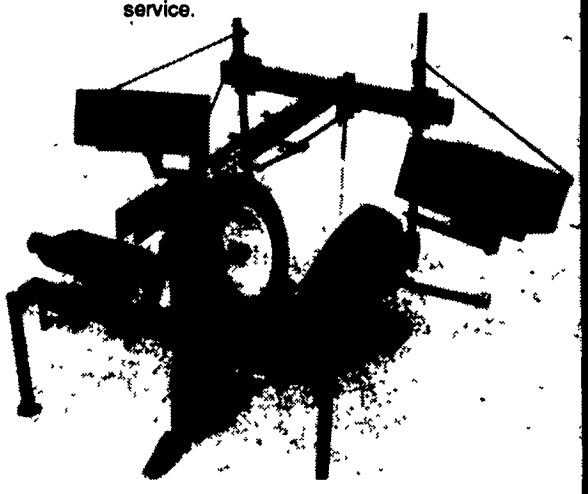

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Capacity:	16,000 pounds
Axle Height:	25½ "
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Hub Bolts:	Six

Adjustable tongue and long life tapered roller bearings are standard.

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Width: 7' Length: 10'
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Chute Depth and Length: 8"x23"
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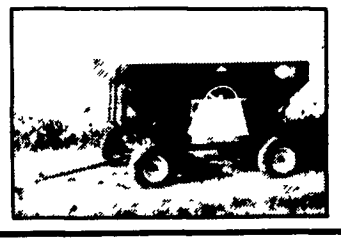

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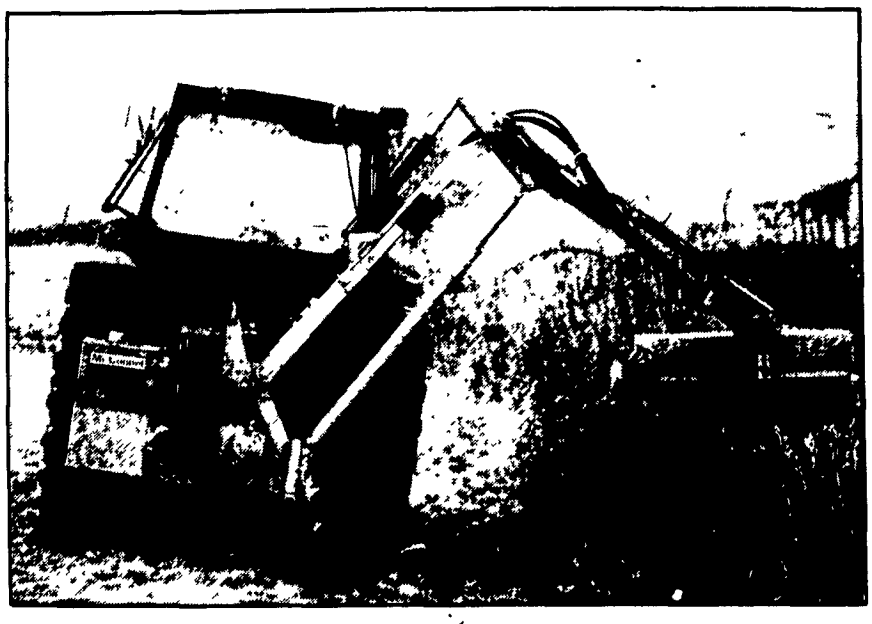

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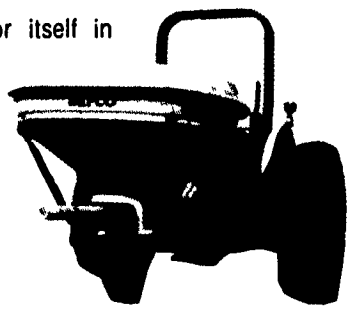
Multiple flow settings with instant on-off control make calibration easy for any speed or spreading width.



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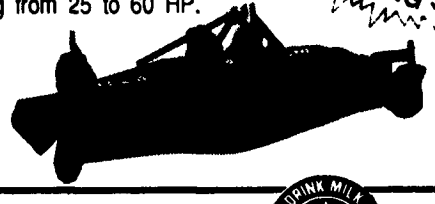

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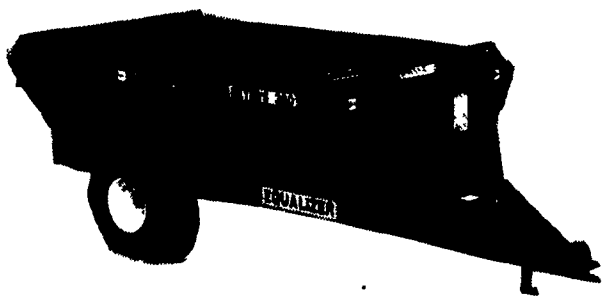

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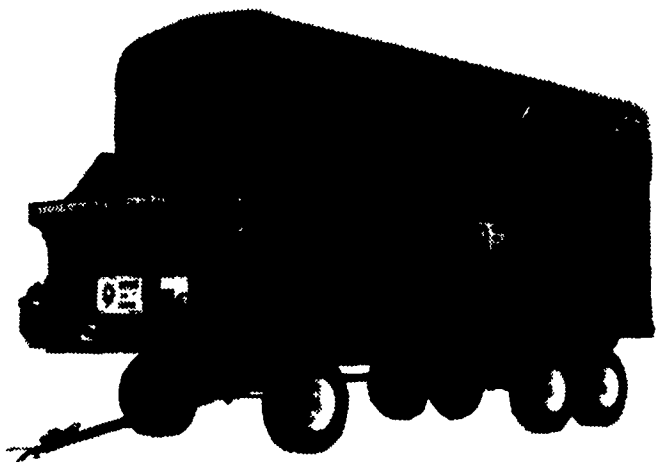

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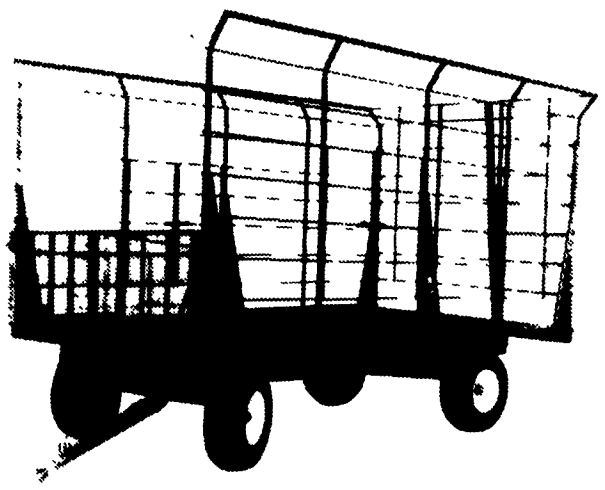

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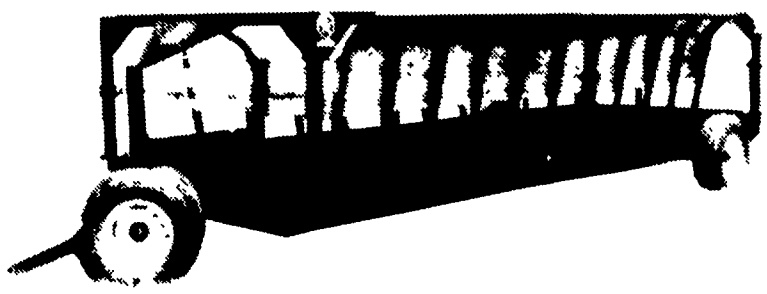
97% of repair parts orders are shipped the same day the order is received



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At The
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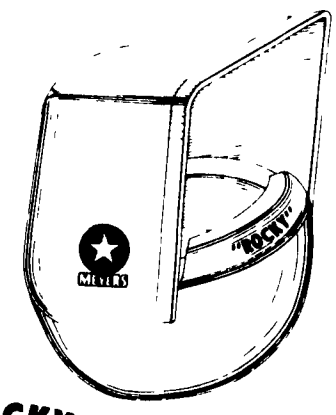

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Troy Fair Dairy Champions Selected; $500 Buys One Gallon Of Supreme Milk

KAREN HICKS
Bradford Co. Correspondent

TROY (Bradford Co.) — The 114th annual Troy Fair held July 24 through July 28 at the Alparon Park featured dozens of agricultural, grange, and entertainment events.

$500 Per Gallon

For the first time in Troy Fair history an auction was held to sell one gallon of milk from the supreme grand champion in the youth dairy show. One gallon of fresh, whole milk from Braund Valley Farms of Troy sold to Steve Pelton of Pelton Trucking $500. The proceeds will benefit Jill Sheeley's Mt. Pisgah Raiders 4-H group, FFA and herself.

Holstein Champions

On Thursday, July 27, the Holstein and Brown Swiss open dairy shows were held 9:30 a.m. The winner in the Holstein class was Jill Sheeley and Braund Valley Farms of Troy. Sheeley also captured Supreme Championship honors of the open dairy shows. Sheeley won with Braund Valley Citamatt Inez. Sir Glenridge Citamatt was the sire. The dam was Windy Mont Temptation Irma and breeders were Paul and Trudy Sheeley. Citamatt Inez is a 4-year-old cow. She also captured the grand championship in the Youth Dairy Show held Tuesday, July 25.

Braund Valley Farms was awarded the premier exhibitor and premier breeder ribbons in the open dairy show.

Braund Valley Farms had the distinction of placing first or second with every cow or heifer entered, except for one foruth place. Braund Valley Farm ribbons included the reserve junior championship in the youth dairy show won by Braund Valley Can Am-Twin Cress exhibited by Jill Sheeley. Caress is a junior yearling sired by Woodbine Can-AM-Twin and the dam is Braund Valley Creek Comet.

Brown Swiss Champions

In the Brown Swiss show John Blair Yurkanin and Florence Camela Yurkanin had both the grand and reserve grand champions. The grand champion was 3-year-old old Elm-Brook J D pageant, sired by Johann Johnny D. and the dam was Elm Brook S. Improve Paige. John and Florence Yurkanin own and bred the champion. Elm Brook J D Pageant is projected to give 16,000 pounds of milk this year.

The reserve grand champion was Elm Brook Titan Glitter, sired by Lar Le Stretch Titan from Elm Brook King Glenda. Glitter was bred by the owners, the Yurkanins. Glitter is projected to give 14,200 pounds of milk this year.

John Blair Yurkanin and Florence Camela Yurkanin and their son John Jr. milk 45 Brown Swiss and 12 Holsteins on their 200-acre farm in Columbia Crossroads. The Yurkanins farmed in Maryland and New Jersey before moving to Bradford County two years ago.

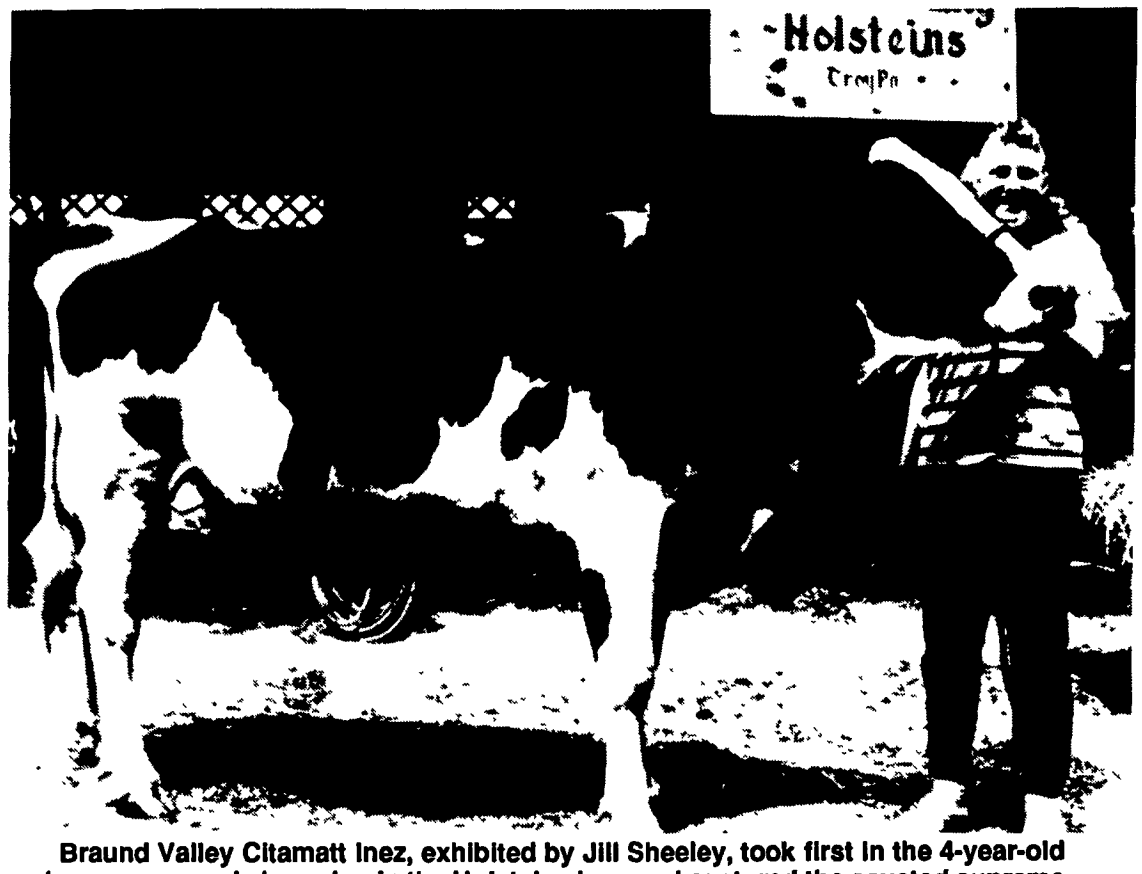
Ayrshire

The Ayrshire, Jersey and Guernsey open dairy show was held Friday, July 28 in the New Arena on the Troy Fairgrounds. Glenn Tripp from Little Genesee, New York, was also the judge for these shows. Bradford County Dairy Princess Hope McMurray from Canton presented the ribbons to the prize-winners.

Grand champion in the Ayrshire breed was the senior 2-year-old blue ribbon winner, HK Farms Melissa's Muffin, sired by Des Peupliers Rebel from HK Farms Carl Tillie. Muffin was bred by Gregory Kilmer and owned by Melissa Hillyard.

Reserve grand champion Ayrshire was a 5-year-old and over winner, HK Farms MB Tina, sired by Mar Ral Madges Boy from HK Farms Albis Tink. Breeder was Betty Kilmer and owner is Mark Carter, Jr.

The junior champion was an intermediate yearling, BEKA Hill Farm, sired by Sycamore Meade Jan's Rocky II from HK Farms Carl Tillie. Owner-breeder is Melissa Hillyard. The junior reserve champion was summer yearling, Englen Delight Showcase, sired by Englen Band Mac's Delight from Englen Band's Trophy Case. Breeder was Randall Englenbrecht and owner is Samantha Hillyard.



Braund Valley Citamatt Inez, exhibited by Jill Sheeley, took first in the 4-year-old class, won grand champion in the Holstein show and captured the coveted supreme champion title of the Troy Fair dairy shows.

Guernsey Champions

Guernsey show grand champion was LeRoydales Fashion, a 3-year-old sired by R. Melton Deacons Fashion from LeRoydales Dawene. Jon Brackman is the owner-breeder. Reserve grand champion was senior 2-year-old, Castle Honor Banica, sired by Land of Living Honor ET from Castles Dairys Karly. Charles Castle is the owner-breeder.

The junior champion Guernsey was LeRoydales Fayettes Dody, an intermediate calf sired by Dutch Mill Telestars Fayette from LeRoydales Doramost Daphne. Brackman Brothers is the owner-breeder.

The junior reserve champion was Nedrow Farms U Topias Becky, a senior calf sired by Utopia Premier Playboy from Rosendahl NFN Brook E. Breeder was Kevin Nedrow and owner is Jon Brackman.

Jersey Champions

William Eick won the premier breeder and premier exhibitor awards in the Jersey show. Grand champion was Nobledale Volunteer Cherry. Cherry is a 3-year-old sired by Mayfield Volunteer from Nobledale Plus Celia, bred and owned by Nobledale Farm. Nobledale Volunteer Cherry also captured first place in the Jersey Jug competition.

Reserve grand champion Jersey was Stoney Acres Fascinator Bessie. Bessie is a senior 2-year-old sired by Shadewell Fascinator from Stoney Acres Bruce Charly, bred by William and Susan Hunsinger and owned by Ron Hilda Moore.

Second place in the Jersey Jug competition went to SHA St James Merry Dasher owned by Denise and Silas Kneller. Third place went to Wesburl Bruce Watusi Billy Joe also owned by Denise and Silas Kneller.

Jersey junior champion was Nobledale S. Beacon Cleo, a senior calf sired by Valley Stream Silver Beacon from Nobledale Plus Celia, bred and owned by Nobeldale Farm.

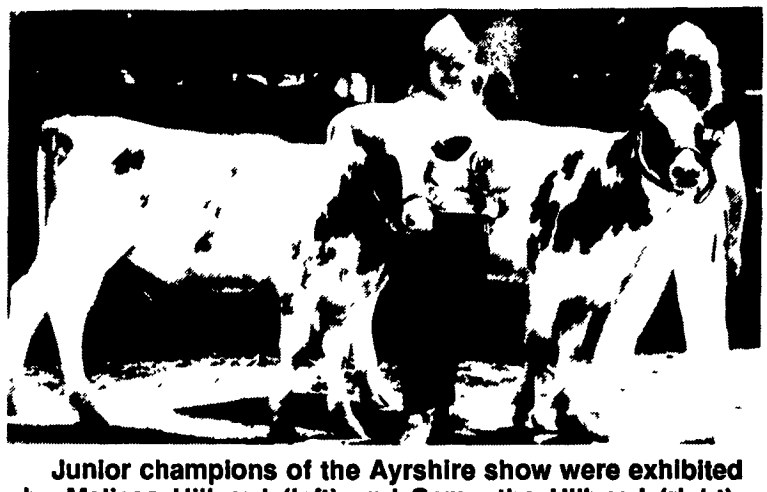
Reserve junior champion was H & R Justin Rose, a junior yearling bred and owned by Ron and Hilda Moore from sire WF Generator Justin Irish Creek and the dam was Jodys Ruelline.

4-H Livestock Auction

On Wednesday, July 26, the 4-H Livestock Auction was held to support youth 4-H members who

(Turn to Page D12)

"We Supported the Troy Fair Youth Livestock Sale" say the signs. This picture says 'thank you' to all the buyers at the sale. Pictured: (front row, from left) Phil Rockwell, Rockwell Feeds; Roy Watson, Troy Sales; Barbara Kissell, Wysox Agway; Wendell Judson, Judsons, Inc. and First Bank of Troy; Roy Cummings, Cummings Lumber and Citizens and Northern Bank, Troy Branch. (Back row, from left) Ken Potter, P&N Packing; Pete Stone, P. Stone, Inc.; Tom Gilliland, Troy Agway; Paul Waldwin, Wyalusing Sales; Chris and Marissa Welles, Welles Mills; Steve Pelton, Pelton Trucking; Lynn Chubbuck, Farm Credit.



Junior champions of the Ayrshire show were exhibited by Melissa Hillyard (left) and Samantha Hillyard (right).

Brown Swiss grand and reserve grand champion titles went to the Yurkanin family. The grand champion was 3-year-old Elm Brook S. Improve Paige and the reserve grand champion was Elm Brook J D Pagent.

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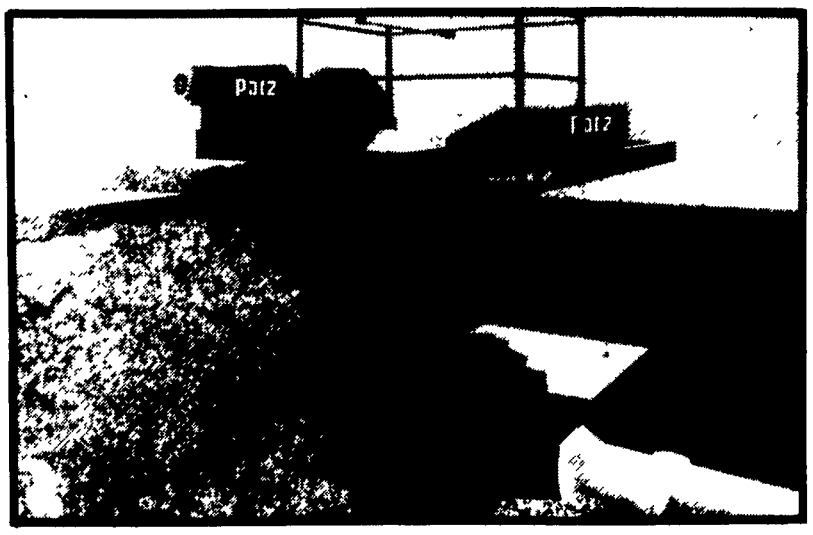
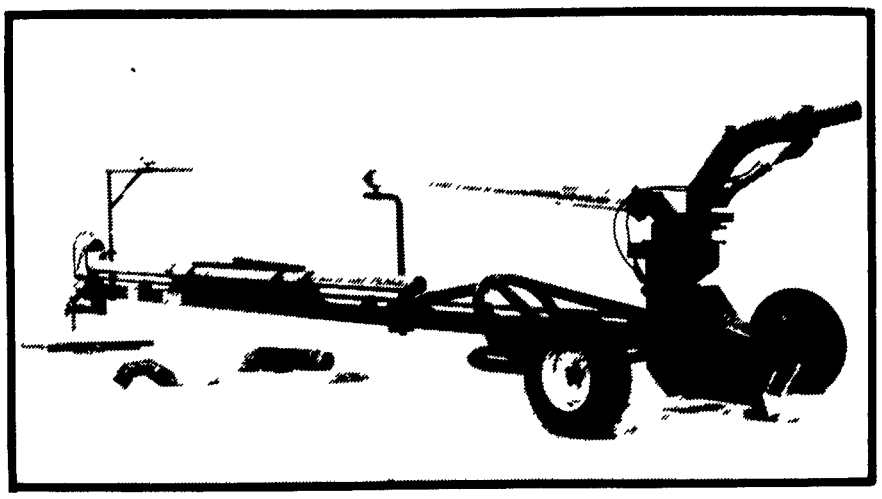
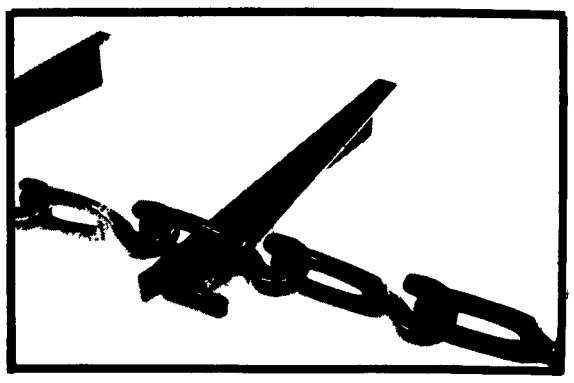


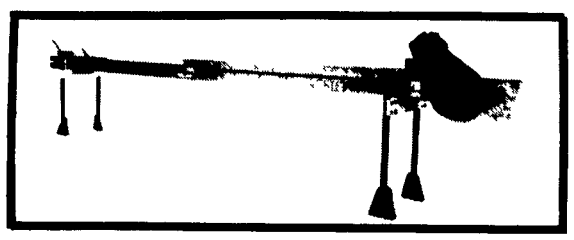
Model 100 Slurry Pump



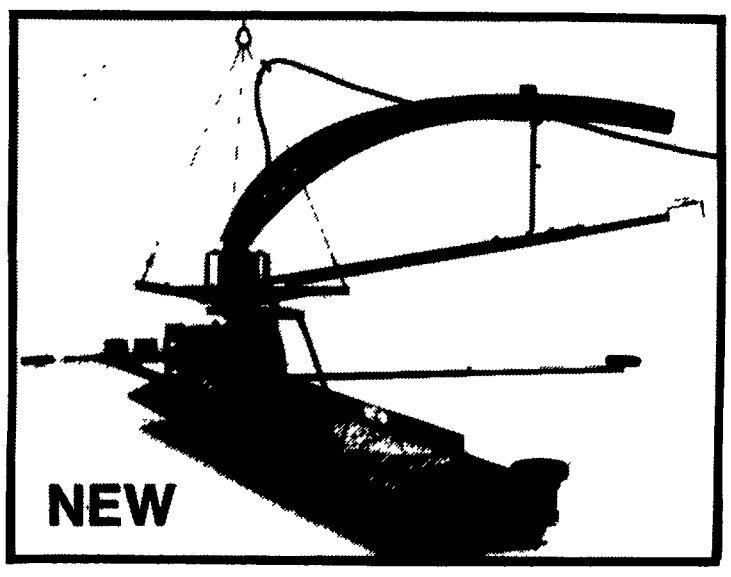
Model 477 Lagoon Pump



Patz_Chain



Model 8612 Belt Conveyor



Model 8800 & 8810 Silo Unloaders
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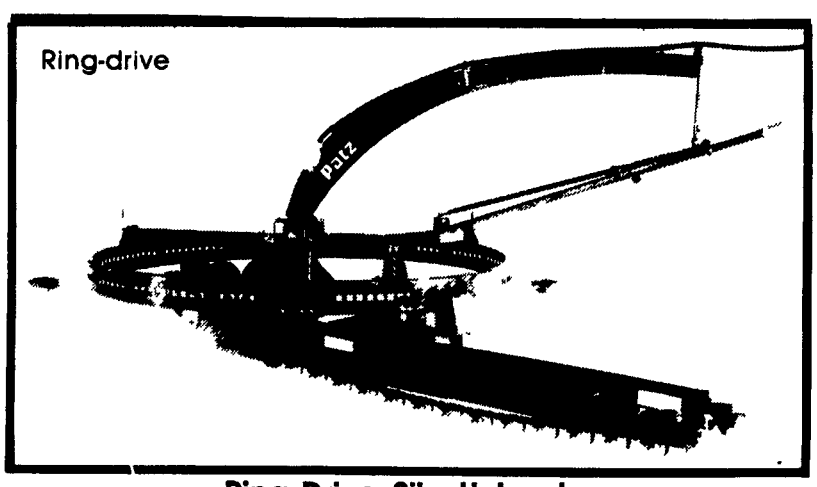
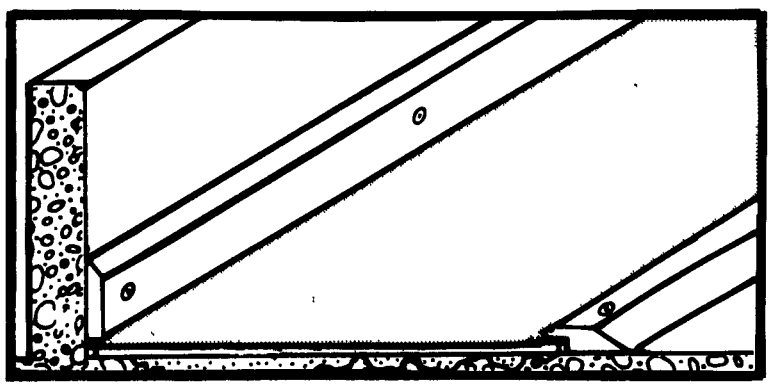
Dual Auger Center Drive



Ring-Drive Silo Unloader

The 98B Surface Drive Silo Unloader has a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.



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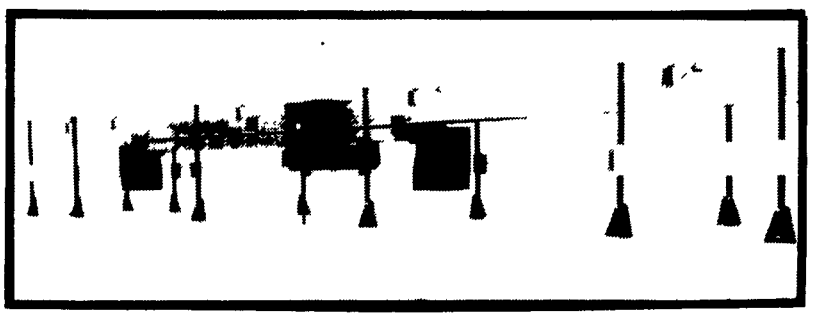

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Troy Fair Champions

(Continued from Page D10)

raised champion market pigs, lambs, and steers. Richie Powell of Rome raised the grand champion market lamb, a Hampshire, weighing in at 98 pounds. The lamb sold to Farm Credit for $4 per pound. Geoff Powell of Rome raised the reserve grand champion market lamb, also a Hampshire. It weighed 100 pounds and sold to P. Stone, Inc. for $2.75 per pound.

Peter Price of Wyaslusing raised the grand champion market pig. Welles Milles purchased the 232-pound champion hog for $2.75 per pound. Jeremy Braund's reserve grand champion pig brought $2.60 per pound. The 238-pound champ sold to Steve Pelton of Pelton Trucking Company.

Peter Price (right) exhibited the grand champion market hog of the Troy Fair. Chris and Marissa Welles bought the 232-pound champion for Welles Mills.

Seth Acampara of Canton was the prize winner in the beef judging with a 900 lb. Angus name Uno. The steer was purchsed by Wyalusing Sales for 90 cents per pound.

SHOW RESULTS
HOLSTEINS
Junior Calf
1. Insinga Holsteins, 2. Ben & Regina Jackson, 3. Ron & Hilda Moore.
Intermediate Calf
1. Ron & Hilda Moore, 2. Danielle Sparling, 3. Ashley Baity.
Senior Calf
1. Deanna Sparling, 2. Aaron Sheeley, 3. Ron & Hilda Moore.
Summer Yearling
1. Robert & Ken Thompson, 2. Jeremy Braund, 3. Ron & Hilda Moore.
Junior Yearling
1. Frank Insinga, 2. Jill Sheeley, 3. Matthew Davis.
Intermediate Yearling
1. Jill Sheeley, 2. Deanna Sparling, 3. Robin Wilbur.
Senior Yearling
1. Robert & Keith Thompson, 2. Terri Packard, 3. Ellen Cole.
Junior Champion
Frank Insinga
Reserve Junior Champion
Deanna Sparling
Junior Get of Sire
Pack-Herd Farm
Junior Best Three
Braund Valley Farms
Dry Cow, 4-years
1. Jeremy Braund.
Dry Cow, 5-years
1. Ben & Regina Jackson, 2. Calkins Farms.
Junior 2-Year-old
1 Ben & Regina Jackson, 2. Paul & Trudy Sheeley, 3. Duane & Vicki Haight
Senior 2-Year-old
1. Ben & Regina Jackson, 2. Glen-Rich Farms, 2. Glen Rich Farms.
3-Year-old
1. Braund Valley Farms, 2. Ron & Hilda Moore, 3. Glen-Rich.
4-Year-old
1. Jill Sheeley, 2. Ben & Regina Jackson, 3. Frank & Michael Herman.
5-Year-old
1. Ron & Hilda Moore, 2. Paul & Trudy Sheeley, 3. Ernest & Kenneth Young.
6-Year-old
1. Jay Braund, 2. Ron & Hilda Moore, 3. Dean Jackson.
Lifetime Production
1. Elwood & Leatrice Braund, 2. Ben & Regina Jackson.
Best Udder
1. Jill Sheeley, 2. Ron & Hilda Moore, 3. Ben & Regina Jackson.
Senior-Get-Of-Sire
Ben & Regina Jackson
Best Three Females
1. Braund Valley Farms, 2. Ben & Regina Jackson, 3. Pack-Herd Holsteins.
Dairy Herd
1. Braund Valley Farms, 2. Glen-Rich Farms, 3. Ben & Regina Jackson.
Produce of Dam
1. Braund Valley Farms, 2. Pack-Herd Holsteins.
Dam & Daughter
1. Braund Valley Farms, 2. Braund Valley Farms, 3. Pack-Herd Holsteins.

Steve Pelton (right) of Pelton Trucking Company made the final bid on the reserve grand champion market hog exhibited by Jeremy Braund (left).

Grand Champion
Jill Sheeley
Supreme Champion
Jill Sheeley
Reserve Grand Champion
Ben & Regina Jackson
BROWN SWISS
Junior Calf
1. John Yurkanin, Jr., 2. Donald Cole, Jr.
Intermediate Calf
1. Ron & Hilda Moore, 2. John & Florence Yurkanin.
Senior Calf
1. Ron & Hilda Moore.
Junior Champion
Ron & Hilda Moore
Reserve Junior Champion
Ron & Hilda Moore
Junior Best of Three
John & Florence Yurkanin
Junior 2-Year-old
1. John & Florence Yurkanin, 2. Karen Cole.
Senior 2-Year-old
1. John & Florence Yurkanin, 2. John Yurkanin, Jr.
2-Year-old
1. John & Florance Yurkanin.
5-Year-old
1. Karen Cole.
Dairy Herd
1. John & Florence Yurkanin, 2. Don Cole, Sr.
Produce of Dam
1. John & Florence Yurkanin, 2. Don Cole, Sr.
Dam & Daughter
1. Don Cole Sr., 2. John & Florence Yurkanin.
Ayrshire
Junior Calf
1. Melissa Hillyard, 2 Jennifer Hutchinson.
Intermediate Calf
1. Melissa Hillyard, 2. Jennifer Hutchinson.
Senior Calf
1. Ben & Kathy Hillyard.
Summer Yearling
1. Samantha Hillyard, 2. Ben & Kathy Hillyard.
Intermediate Yearling
1. Melissa Hillyard.
Senior Yearling
1. Ben & Kathy Hillyard, 2. Melissa Hillyard.
Dry Cow 4-Yrs. & Over
1. Jersey Maples.

(Turn to Page D13)

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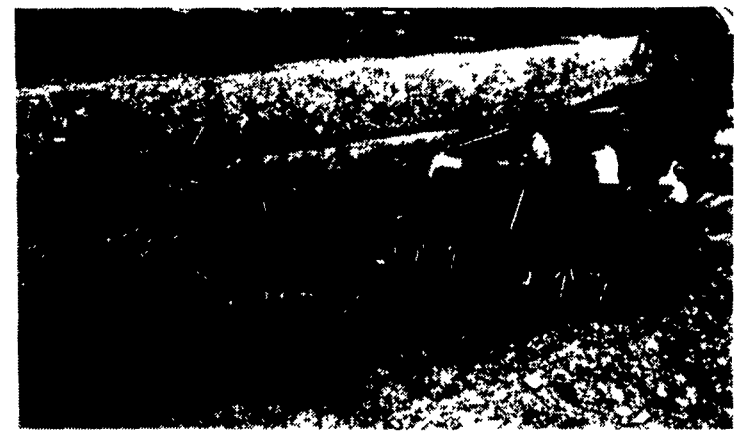

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Troy Fair Champions

(Continued from Page D12)

Junior 2-Year-old
1. Ben & Kathy Hillyard.
Senior 2-Year-Old
1. Melissa Hillyard.
4-Year-Old
1. Mark Carter, Jr.
5-Years & Over
1. Mark Carter, Jr.
Best Udder
1. Melissa Hillyard, 2. Mark Carter, Jr., 3. Mark Carter.
Produce of Dam
1. Ben & Kathy Hillyard.
Dam & Daughter
1. Melissa Hillyard.

GUERNSEY
Junior Calf
1. LeAnn Campbell.
Senior Calf
1. Jon Brackman.
Junior Yearling
1. Ben Jackson/Ken Young.
Intermediate Yearling
1. Charles Castle.
Senior Yearling
1. Brackman Brothers, 2. Charles Castle.
Dry Cow 4-years & Under
1. Charles Castle.
Senior 2-year-old
1. Charles Castle.
3-Year-old
1. Jon Brackman.
4-Year-old
1. Brackman Brothers, 2. Charles Castle.
5-Years & Over
1. Charles Castle.
6-Years & Over
1. Charles Castle.
Best Udder
1. Jon Brackman, 2. Charles Castle, 3. Brackman Brothers.
Best Three Females
1. Brackman Brothers, 2. Charles Castle.
Dairy Herd
1. Chales Castle.
Produce of Dam
1. LeRoydale Farms.
Dam & Daughter
1. Charles Castle

JERSEY
Junior Calf
1. Dan Barto, 2. Nobledale Farm, 3. Rossa Bristol.
Intermediate Calf
1. Denise Kneller, 2. Shawn Sonneman, 3. Jersey Maples.
Senior Calf
1. Nobeldale Farm, 2. Denise Kneller, 3. William Eick.
Summer Yearling
1. Ron & Hilda Moore, 2. Traci Cook, 3. Silas and Denise Kneller.
Intermediate Yearling
1, Nobledale Farm, 2. Nobledale Farm, 3. William Eick.
Senior Yearling
1. Ron & Hilda Moore, 2. Samantha Hillyard, 3. William Eick.
Junior Get-of-Sire
1. Nobledale Farm, 2. William Eick, 3. Go To Mar Farm.
Junior Best Three Females
1. Nobledale Farm, 2. Jersey Maples, 3. Silas & Denise Kneller.
Dry Cow 4-Yrs. & Under
1. Denise Kneller, 2. William Eick, 3. Off Spr Inc.
Dry Cow, 5 Yrs. & Over
1. Denise Kneller, 2. Wee Three Farms, 3. Calvin & Judy Watson.
Junior 2-year-old
1. Nobledale Farm, 2. James Jenkins, 3. Denise Kneller.
Senior 2-Year-old
1. Ron & Hilda Moore, 2. Jersey Maples, 3. Calvin & Judy Watson.
3-Year-old
1. Nobledale Farm, 2. Denise Kneller, 3. Denise Kneller.
4-Year-old
1. Dan Barto, 2. James Jenkins, 3. Jersey Maples.
5-Years & Over
1. Wm Eick, 2. Off Spr Inc., 3. Cozy Valley Farms.
6-Years & Over
1. Dan Barto, 2. Calvin & Judy Watson, 3. Wm. Eick.
Lifetime Production
1. 1. William Eick.
Best Udder
1. Nobledale Farm, 2. Ron & Hilda Moore, 3. Nobledale Farm.
Senior Get-of-Sire
1. Silas and Denise Kneller, 2 Brian Watson, 3. Dan Barto.
Best Three Females
1. Silas & Denise Kneller, 2. Nobledale Farm, 3. William Eick.
Dairy Herd
1. Silas & Denise Kneller, 2. Nobledale Farm, 3. Wm. Eick.
Produce of Dam
1. Nobledale Farm, 2. James Jenkins, 3. Silas & Denise Kneller.
Dam & Daughter
1. Nobledale Farm, 2. Nobledale Farm, 3. Jersey Maples.

Farm Credit purchased the Troy Fair grand champion market lamb, a Hampshire, exhibited by Richie Powell.

Speak Out Night

Cumberland Valley High School was the location of the 1989 Capital Region 4-H Speak-out Night. This year a new category was added to help 4-H members develop group speaking skills, that of impromptu speeches. Each participant pulled a topic from a "hat" and then had 10 minutes to prepare their thoughts on the topic before presenting the topic to the group.

Gold ribbon winner in the junior division for impromptu speeches was John Laskowski, Halifax. Erik Brubaker, Halifax and Mark Brubaker, Halifax, were both blue ribbon winners in junior and senior division respectively.

Other Dauphin County participants in this regional event included:

* Celesta Etzweiler, Halifax- senior prepared presentation in foods.
* Kristen Brubaker, Halifax- junior blue ribbon winner in prepared presentation in weaving.
* Sarah Wert, Halifax- junior prepared presentation in crafts.
* Taryn Wentzel, Halifax- junior prepared presentation in crafts.
* Paul Miller, Halifax- junior prepared presentation in geology.

Local leaders from Dauphin County involved in the speak-out event included:

Ellen and Bud Brubaker and Dot Brubaker, all of Halifax. Chairman of the event was Sylvania Negley, Cumberland County Staff.

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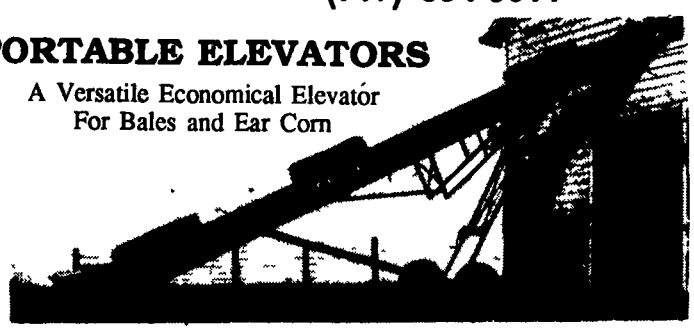

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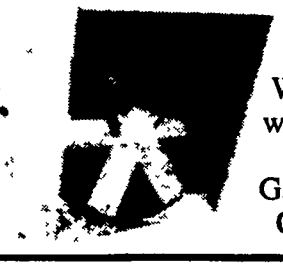

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Texas Ships First Load Of Hormone-Free Beef To Europe

AUSTIN, TX. — "Let's keep on shippin'," Texas Agriculture Commissioner Jim Hightower said today, as the first container of hormone-free beef from Texas to Europe was prepared to be loaded aboard the *Ned Lloyd Hudson* here, graced with a Lone Star flag that Hightower raised on the ship's mast.

"This is the start of a modern-day cattle drive that can put millions of extra dollars into the pockets of enterprising Texas ranchers, feedlot operators and meat packers; create badly-needed jobs and more activity at our coastal ports and labor unions; and satisfy a lucrative new market niche in Europe and elsewhere," Hightower said.

Hightower, who earlier this year developed and proposed to both U.S. and European officials a "Texas Plan" to allow Texas ranchers to supply Europe with the hormone-free beef it wants, made the comments dockside at the Sealand Terminal where the *Ned Lloyd Hudson* was being loaded.

This is the first shipment of hormone-free beef from the U.S. to Europe since the federal government and the European Economic Community developed an impasse on the issue of artificial growth hormones in cattle, resulting in an embargo on all U.S. beef sales to Europe on January 1.

The first shipment is 40,000 pounds (18 metric tons), and is valued at approximately $100,000. It was processed by Cox Packing Company of Devine, Texas.

Cox Packing, owned by Phillip Graham, has pending with TSW Meats, Ltd. of Liverpool, England, an option to supply an additional 20 containers of hormone-free beef (372 metric tons), valued at approximately $1.5 million, in the coming months.

Graham produced some of the beef on his own ranch near Kerrville and purchased some of the cattle from about a dozen other ranchers in South Texas who also supply the company with beef that has been raised without the use of artificial growth implants.

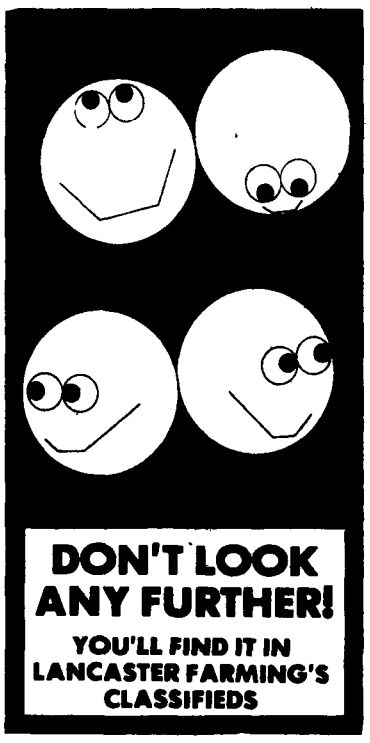
"It never made sense for the U.S. and Europe to engage in a trade war over beef standards," Hightower said. "In the first place, the 12 nations of the European Community are the *best* customers that U.S. farmers and ranchers have. They buy $7 billion worth of our agricultural products each year. Our beef sales to the EC, prior to January 1, were only $145 million a year—or merely two percent of our total ag sales to Europe. In comparison, the EC sells only $3.7 billion worth of food products to the U.S., so we have a highly favorable trade balance with them. In fact, a full quarter of the U.S. agricultural trade surplus is derived from our favorable trade position with Europe."

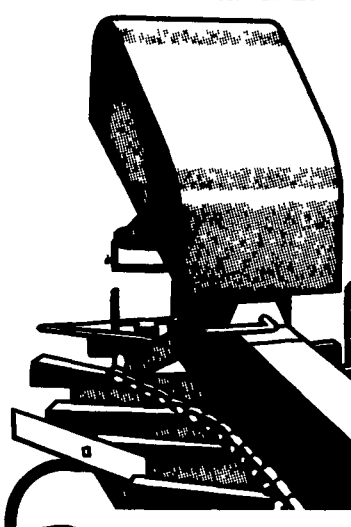
Since the January 1 beef embargo, TDA has hosted a series of meetings between European trade officials and veterinarians and Texas ranchers, feedlot operators and meat packers to discuss possible certification procedures for supplying beef that is raised without the use of artificial growth hormones. Those meetings resulted in the so-called "Texas Plan" for beef certification being presented to both U.S. and European officials. Subsequently, the U.S. and EC appointed a task force to develop actual certification standards. That task force produced an interim agreement in early May which allowed sales of certified meat products to resume.

After the certification procedures were established, TDA sponsored a meeting in Dallas on July 7 for European buyers, EC officials and interested Texas beef producers and processors. Eight European meat importing companies based in the United Kingdom, France, Germany, Italy, the Netherlands, Belgium, and Denmark attended. Attending on behalf of the European Community were Agricultural Attache Jacque Vonthron and Veterinary Inspector Dr. Willem Marsman from Washington D.C., and three other EC officials from its headquarters in Brussels. Five Texas beef suppliers were present, including Cox and B3R of Childress.

As outlined by Hightower, the procedure for certifying the cattle for shipment to Europe is as follows:

- Each cow-calf operator, stocker and feedlot operator who owns live beef cattle to be processed for the European market is inspected by an EC veterinarian who decides whether the operation meets the EC requirements that the animals have been raised without any growth stimulants or hormone implants.
- EC inspectors also visit and certify the packing, cutting and cold storage plants that will process the cattle.
- TDA links Texas sellers with European buyers and assists with reaching agreement.
- U.S. Department of Agriculture issues export documents.





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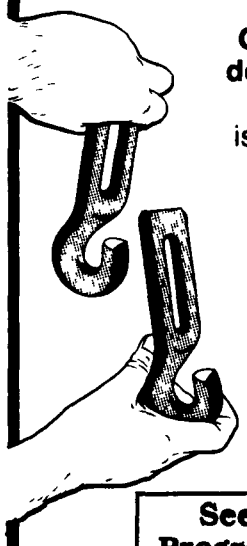

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Saul Students Attend Governor's Ag School

UNIVERSITY PARK (Centre Co.) — Three students from Philadelphia's Walter Biddle Saul High School of Agricultural Sciences were among the 64 academically superior seniors who attended the Pennsylvania Governor's School for the Agricultural Sciences, held at Penn State's University Park Campus July 2 through August 5.

Roger Miller, Joe Schultze and Bob Torres have devoted five weeks of their summer vacation to learning about issues in agriculture, from preserving mushrooms and aquatic ecology to genetic engineering. "It's been a lot of fun, and we're learning practical things that we can take with us back to Saul," Miller said.

The three students come from different neighborhoods in Philadelphia, but they are united in their academic pursuits by their interest in agriculture. The Saul High School is a magnet school for the agricultural sciences and attracts students who are considering careers in agriculture from across the city. In addition to English, math and science, Saul students learn about subjects like embryology, agronomy and horticulture.

Miller, Schultze and Torres were among dozens of applicants to the Governor's School from Saul High School. "The competition was pretty heavy," Schultze noted. "Since Saul is an agricultural school, a lot of students wanted to come here. It's an unbeatable opportunity."

During the Governor's School the three lived in a Penn State dormitory while they learned about agriculture in classes taught by College of Agriculture faculty. At the same time, they are laerning what college is like. "This is a lot different from high school," Torres explained. "The teachers here are more intense, and they move through the material a lot faster."

The scholars' favorite subjects were the soils and land use planning class, taught by professor of soil genesis Dr. Roger Pennock, and the economic issues in agriculture class taught by Dr. Jill Findeis, associate professor of agricultural economics.

In the economics class scholars were divided into five groups representing various agricultural interests and then debated real-life issues such as foreign beef quotas, commodity prices and artificial hormone use. "None of us from Saul really came from agricultural homes," Schultze said, "so we've really learned a lot of hands-on things here."

One such experience came in their animal physiology class, when the scholars helped to artificially inseminate a cow. "That was really something else," Schultze said, shaking his head and chuckling at the memory. "I never could have done that at home."

The three Saul scholars are considering potential careers in agriculture, they said. "We learned a lot about agriculture at Saul, and we're learning a lot about it here," Miller said. "Agriculture's a great field, with importance and a big future." The three also are considering applying to Penn State when they graduate from high school next May.

The Governor's School for the Agricultural Sciences is sponsored by the Pennsylvania Department of Education, the state's intermediate units and Penn State's College of Agriculture. Pennsylvania Governor's Schools are also offered in the arts, sciences, business and international studies. Questions about the Governor's School can be directed to the Governor's School office at Penn State, (814) 865-7521.

Wolff Says Council Will Play Vital Role

HARRISBURG (Dauphin Co.)— Secretary of Agriculture Boyd E. Wolff said recently the newly formed International Trade Advisory Council will play an important marketing roll for Pennsylvania's agricultural industry.

"I am proud of the Casey Administration's accomplishments, but we must recognize that the private sector played an important part," said Wolff. "I hope the Advisory Council will help the department build on our International Trade Program, which is the most ambitious in the Northeast United States."

The International Trade Advistory Council held its first meeting in Harrisburg last week. The council, comprised of leaders from private sector companies that actively export agricultural products, will help direct the Agriculture Department's efforts to assist Pennsylvania companies that export or express interest in entering the international marketplace.

Pennsylvania agricultural and food exports were at record high levels for the second consecutive year in 1988. The value of exports has increased by over $68 million since 1986 and totaled $236.8 million last year.

"The department represented more than 300 Pennsylvania companies at 15 trade shows and directly negotiated the sale of over $4 million in Pennsylvania products," said Wolff. "Our Export Trade directory now lists 873 companies interested in exporting."

The Department of Agriculture will sponsor an international trade conference in Philadelphia November 13-15.

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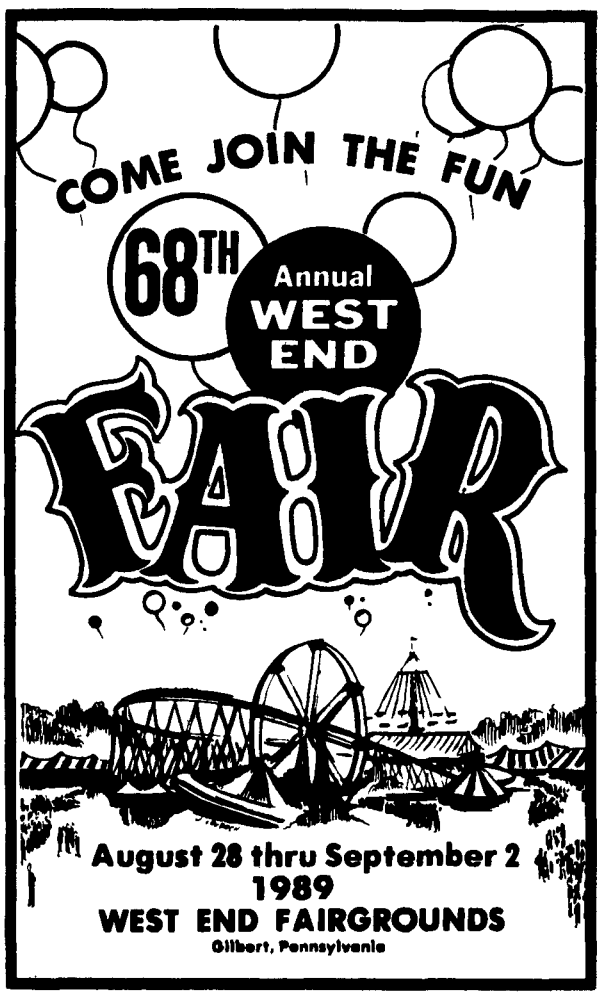

MONDAY, August 28
1 pm - 11 pm - Dembroski Amusements & Reithoffer Shows - Midway
1, 3 & 5 pm - Dorian Blake & Company - Main Stage
2 & 6 pm - Herriott Circus & Menagerie - Fairgrounds
7 pm-10 pm - Pleasant Valley High School Band - Band Shell
8 pm - R&R Auto Demolition Derby - Grandstand

TUESDAY, August 29
1 pm - 11 pm - Dembroski Amusements & Reithoffer Shows - Midway
1,3 & 5 pm - Dorian Blake & Company - Main Stage
2 & 7 pm - Herriott Circus & Menagerie - Fairgrounds
7 pm - Coke Video Van - Fairgrounds
6 pm & 8 30 pm - The Charley Pride Show - Grandstand

WEDNESDAY, August 30
"SENIOR CITIZENS DAY"
10 am - Cattle Judging - Livestock Arena
11 am, 1, & 5:30 pm - Dorian Blake & Company - Main Stage
12 Noon - 3 pm - Big Band Ambassadors - Band Shell
12 Noon - 11 pm - Dembroski Amusements & Reithoffer Shows - Midway
2 & 6 pm - Herriott Circus & Menagerie - Fairgrounds
4, 7 & 9 pm - The Mike Snider Show - Main Stage
7.30 pm - Prostar Championship Wrestling - Grandstand
8 pm - Square Dance Demos - Leasure Squares - Band Shell

THURSDAY, August 31
"CHILDREN'S DAY"
1 pm - 11 pm - Dembroski Amusements & Reithoffer Shows - Midway
1 pm - Children's Contests - Livestock Arena
1 pm - 4 pm - Dorian Blake & Company - Band Shell
2 pm & 6 pm - Herriott Circus & Menagerie - Fairgrounds
4, 7 & 9 pm - The Diamonds - Main Stage
8.00 pm - R & R Auto Demolition Derby - Grandstand

FRIDAY, September 1
1 pm - 11 pm - Dembroski Amusements & Reithoffer Shows - Midway
1,3 & 5 pm - Dorian Blake & Company - Band Shell
2 pm & 6 pm - Herriott Circus & Menagerie - Fairgrounds
4, 7 & 9 pm - Steve Hall & Shotgun Red - Main Stage
7:30 pm - P.T.P.A. Sanction AA Tractor Pull - Grandstand
8:00 pm - Square Dance Demos. Leasure Squares - Band Shell

SATURDAY, September 2
12 Noon - 11 p m. - Dembroski Amusements & Reithoffer Shows - Midway
12 Noon, 4 & 7 pm - Dorian Blake & Company - Band Shell
1 pm & 4 pm - Herriott Circus & Menagerie - Fairgrounds
2:30, 5:30, & 8 30 pm - Paul Lennon & Jeannie C Riley Show - Main Stage
6 00 pm - 2-Wheel Drive Sanctioned Truck Pull - Grandstand
4-Wheel Drive Sanctioned Truck Pull - Grandstand
4-Wheel Drive Truck Pull - Local Contestants

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From Rt. 80 to Rt. 715 - South to Rt. 209 S.

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SUNDAY, August 27
6:30 pm - Vesper Services - Middlecreek Church - Main Stage

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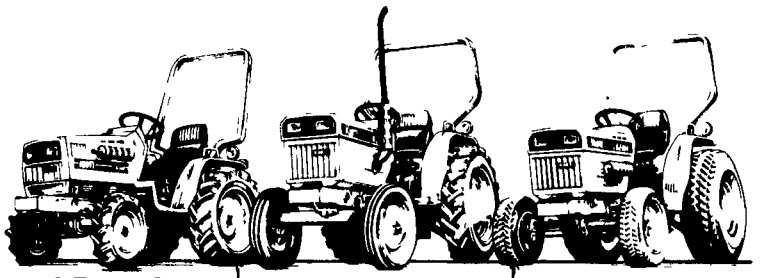

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Pennsylvania Dairy Herd Improvement Association

June 1989

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Junge Farms	3	76.7	89.0	22,141	873
Hiddenview Holsteins	3	66.7	85.9	23,020	854
Bos-Belle	3	7.0	89.7	23,433	833
Plushanski Farms Inc	3	159.0	85.9	20,481	829
Daview Farm	3	69.7	84.5	21,294	815
Merlin J Grube	B3	51.5	89.9	21,768	799
Mark A Wolfskill	3	104.0	87.4	21,292	794
Fantasyland Holsteins	3	17.2	87.9	22,470	784
Forrest C Stricker	B3	59.8	88.3	21,773	778
David L Schrack	B3	102.4	87.7	19,288	761
Earl R Hafer	B3	149.5	87.9	21,811	761
Mervin Brubaker	3	70.1	84.3	20,792	760
Retland Farm	3	57.1	86.1	20,315	755
Raymond A Seidel	3	38.7	92.3	19,507	752
Barry Barbara Good	B3	48.2	88.5	20,513	751
Ken + Ralph Sanner	B3	77.9	86.9	19,868	749
Mertz Brothers	3	44.0	85.6	20,579	747
Leon H Martin	B3	41.9	86.6	19,983	744
Glenn B Gockley	B8	49.7	86.0	21,718	740
Heindel Farms Inc	3	35.5	88.1	19,415	737
George S Troutman Jr	B3	82.0	86.6	19,510	735
Gary-Martha Heffner	B3	42.6	88.1	19,395	725
Landis R Martin	B3	51.6	87.5	18,881	723
Show Top Farms	3	175.2	90.4	18,315	723
Zahncroft Farm	3	58.0	88.2	19,453	720
Chris D Kratzer	B3	55.3	88.3	20,927	720
Martin & Missy Moyer	B3	52.8	87.2	19,222	720
Scattered Acres Inc	B3	155.0	81.9	19,725	718
Vista Grande Farm	3	89.1	87.0	19,959	718
DJ SP Schuler	3	94.8	87.8	19,639	716
FGG Holsteins	3	69.4	84.2	18,566	715
George E Moyer	3	90.0	88.8	19,326	715
Wooden Bridge Farm	B3	54.0	87.9	19,803	710
Donald Burkholder	B3	109.7	84.8	19,461	708
Charles D Moyer	B3	127.4	89.7	19,754	706
Yost Brothers	B3	113.5	87.6	19,538	705
Pinnacle View Dairy	B3	39.5	89.7	17,785	703
Bethany Dairy Farm	G3	45.8	88.3	19,196	702
Bendy Brook Farm	3	46.7	86.5	18,491	700
Allen A Davis	B3	69.3	86.1	19,793	699
Herb Top Farms	B3	41.1	89.2	18,757	697
FM Browns Sons Inc	B3	100.7	89.9	19,292	695
Swatara Dairy Farm	3	61.1	84.7	17,836	695
Harold Schuler	3	39.8	86.5	18,879	694
Leonard G Stoltzfus	3	62.5	89.5	18,924	691
Reu Hel Farms Inc	3	100.5	87.9	19,453	691
R Jr + N Troutman	3	140.9	83.2	17,837	691
Way Har Farms	B3	112.0	89.8	18,063	690
David Gross	B3	46.0	89.4	18,227	690
Tulpa-Canal Farm	B3	36.7	88.5	19,568	689
William G Howerter	3	91.5	86.3	17,828	687
Clarence B Kulp	3	58.0	90.8	19,331	685
Alvin M Martin	B3	64.6	85.9	18,860	685
Meadow Spring Farm	B3	58.6	82.9	18,961	684
Plentygood Holsteins	B3	62.9	82.3	17,284	683
F Mark Weber	3	47.0	84.0	18,240	681
Arlan Krick	B3	68.7	86.7	17,691	679
Robert C Dreisbach	4	78.0	84.3	13,584	679
Bernell L Burkholder	B3	41.2	84.3	18,355	678
Andrew D Stoltzfus	B3	109.6	90.3	17,766	676
Grumbro Holsteins	3	48.8	85.2	17,635	676
David L Phillips	B8	1.7	89.9	17,338	676
Ray W Seidel	B3	39.7	81.3	18,331	675
Melvin M. Oberholtzer	B3	44.9	88.4	21,521	674
Larry E Phillips	B3	37.5	86.2	18,877	672
Joe & Deb Kohler	B3	39.3	85.1	18,782	671
Carl Meyer	B3	68.7	88.3	17,954	669
Jacob M Wise	G3	47.9	87.3	17,980	668
Glenn+Brenda Howard	B3	149.9	86.7	17,636	668
Ken & Debra Dietrich	B3	47.8	87.7	18,386	666
Ronald Kelchner	B3	84.5	85.5	18,376	663
Oleka Acres	3	59.4	86.1	18,478	661
Fred J Walters	B3	84.9	88.1	17,250	661
Harvey C Krill Jr	B8	54.4	90.4	17,398	660
Kenneth Zook	B3	57.6	90.0	17,665	660
Robert Yanos	B3	55.3	88.9	17,187	659
Herb Top Farms Jer	B4	7.0	87.0	13,594	659
John H Stump	3	75.3	89.2	18,281	658
Wilhomar Farm	3	42.5	86.5	18,171	657
Alton Rohrbach	B3	56.5	88.4	17,843	656
Donald B Duncan	B3	101.7	88.1	17,904	653
Ernest O Miller	B3	235.8	84.3	17,960	650
Ray E Bicksler	3	51.5	91.0	17,297	649
Win-Dale Farm	4	49.6	88.3	12,625	649
Red Fever Farm	B3	69.4	89.6	18,557	649
Floyd Kurtz	B3	65.8	88.9	17,601	648
Lynnacres	3	221.1	90.4	17,426	648
Rolling Acres Farm	G3	36.9	85.4	18,923	647
James Phillips	4	6.5	91.6	12,216	646
Harvey M Weaver	G3	49.8	85.4	18,281	646
Larry Grumbine	3	47.9	84.4	17,260	645
Lawrence Kieffer	B3	99.3	88.7	17,395	645
Terry Kunkel	B3	40.9	85.8	17,588	639
Ring-Kul Farm	B3	39.5	87.7	18,261	638
Wilmer Dreibelbis Jr	B3	108.3	86.3	17,636	638

(Turn to Page D17)

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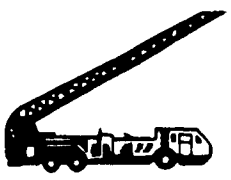

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Berks Co. DHIA

(Continued from Page D16)

Ted+Dianne Haberland	3	42.3	86.8	16,421	636
Greg + Pearl Koenig	B3	45.0	83.6	18,411	635
Carl+Donna Hoffman	B3	40.0	86.7	16,862	633
Kenneth Miller Jr	G3	33.5	90.8	17,567	627
Robert L Sattazahn	B3	106.4	90.0	17,549	626
Clarence C Sattazahn	B3	105.1	90.0	16,850	623
William Claxton	B8	42.2	84.5	17,193	623
Phillip J Werley	B3	62.9	84.9	16,026	619
Lowell C Kurtz	B3	38.7	86.0	17,658	618
James Phillips	3	56.3	85.8	18,232	616
Wilhelminia Schmidt	3	56.1	88.4	17,382	616
Whirlwind Acres	B3	113.2	88.3	17,562	616
Bruce Riegel	G3	38.4	86.4	15,599	615
Louis E Moyer	3	59.9	82.2	16,646	614
E Daniel Leatherman	B3	67.3	87.1	16 410	613
Ernest C Hoffman	3	59.5	88.0	16,590	610
Daryl-Michele Kunkel	B3	42.5	88.6	18,260	609
Clyde Loump	B3	57.9	84.6	17,148	609
Luke Snyder	B3	62.0	82.7	16,842	607
JD Rosenbaum & Son	B3	70.1	87.1	15,798	607
Ker Min Farms	3	88.9	86.9	16,758	602
David L Phillips	4	33.6	86.2	13,139	599
Raymond L Kulp-Son	B3	90.2	90.3	15,629	598
David Y Knauer	B3	54.4	86.5	17,332	598
Heindel Farms Inc	1	24.0	84.3	15,179	597
Robert E Kieffer	G3	64.2	88.4	16,338	597
Mervin Z Martin	B3	43.7	89.4	18,216	597
Daniel J Harnish	B3	100.1	84.5	16,663	596
Carl H Rabenold	B3	66.4	85.1	17,750	596
Pine Brook Farm	3	117.7	85.8	16,677	594
Elam G Hoover	B3	82.1	86.7	15,562	592
James H Adam	B3	105.4	89.2	17,136	592
Rothrock Golden Hol	B3	173.9	72.6	16,302	591
L and L Farms	B3	47.1	84.7	16,387	591
Ontelynn Acres	3	129.1	86.9	15,205	591
Teen Chal Farm	B3	103.6	83.7	15,763	589
Ronald L ONeil	G8	46.4	86.8	16,206	588
William C Adams	B3	88.7	89.9	14,288	587
Irvin G Weaver	B3	59.4	84.1	15,046	583
Charles W Wagner	B3	48.9	88.6	16,279	582
Glenn E Hoffman	B3	59.1	84.4	15,626	581
William J Steckel	B3	60.0	83.8	16,790	577
Kehl Brothers Inc	B3	85.5	86.1	15,441	575
Donald E Landis	3	132.5	88.3	15,969	574
Nathan Nolt	G3	55.2	84.4	16,049	573
Leon Neiman	B3	27.6	80.9	15,639	569
Rodger L Wagner	B3	152.3	85.2	15,008	566
Albany Farm	B3	36.6	88.6	15,771	565
Harold Fenstermaker	3	32.3	87.0	13,987	564
Ro Ria Farms	B3	229.0	88.5	14,456	559
Barry Moyer	B8	33.1	89.6	15,754	559
Harold Dietrich Hol	B3	31.9	87.7	15,640	556
Richard W Hoppes	B3	63.6	85.8	14,847	556
John R Lash	G3	68.3	90.2	14,120	555
Eleanor K Siegfried	3	134.1	89.2	14,831	552

Lycoming County DHIA
June, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Eugene W Hall	3	71.1	95.3	22,505	865
Ken Mar Farms	B3	29.5	92.0	22,632	850
Marvin L Waltz	B3	72.1	86.0	22,556	807
Steven U Ulmer	G3	48.4	89.6	21,757	794
Schon-Crest Farms	B3	53.1	87.9	22,347	785
Linden-Hills Farm	3	33.9	88.2	21,063	782
Don & Scott Lepley	B3	52.9	89.7	20,837	741
Willard M Brelsford	B3	42.0	88.3	19,811	738
Benjamin E McCarty	B3	38.5	84.8	19,110	736
Vollman Dairy Farm	B3	57.2	85.9	19,626	728
Eldon Yvonne Metzger	G3	48.3	83.9	19,152	718
Steppe Brothers	3	78.3	86.7	18,854	711
Steven+Earl Neff Jr	B3	71.1	84.9	19,547	709
Mars-View Farm	B3	78.2	86.5	19,613	707
Mont Will Farms	B3	38.5	88.3	19,455	706
Fred+Scott Lovell	B3	37.9	87.5	20,156	705
Franklin J Finck	3	97.6	91.2	19,020	705
Marshall Bros Inc	3	126.8	84.1	18,436	704
John P Leatherman	B3	54.4	87.1	18,991	699
Lost Brook Farm	B3	150.4	83.9	18,367	693
Bower Farms	G3	96.9	87.1	18,221	686
Charles F Ulmer Jr	B3	39.7	86.9	19,249	685
Milton S Fuoss Jr	3	36.3	86.5	18,097	679
Don+Scott Lepley	B3	33.9	85.6	19,224	675
Chas+Marianne Rogers	B3	53.2	81.5	19,062	667
Keith R Snook	B3	40.8	87.7	17,609	662
Samuel & Larry Fry	3	111.2	90.5	18,700	662
Jay-Linda Kreider	B3	64.5	88.4	17,267	656
Laurel Ridge Farm#2	B3	42.1	84.7	17,776	654
Miller & Rearick	G3	87.0	88.1	17,445	653

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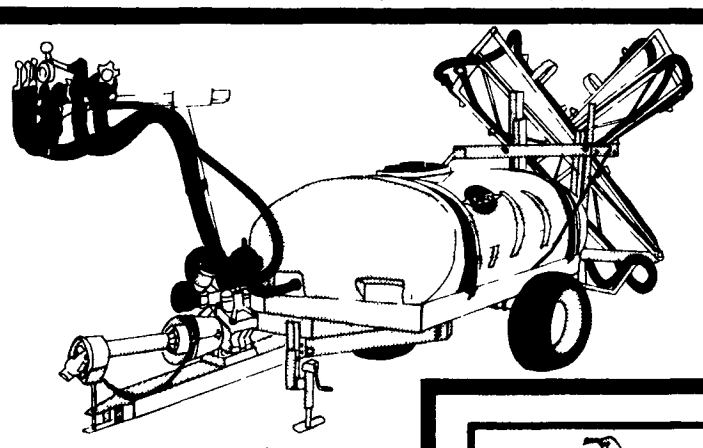

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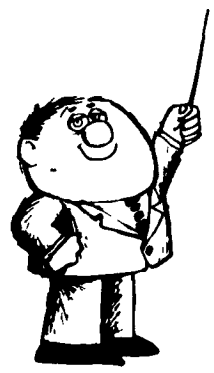

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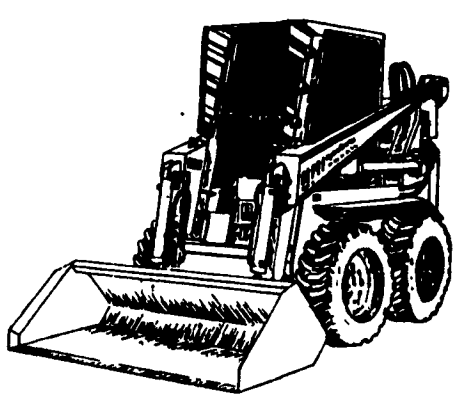

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Pond Construction Featured

UNIVERSITY PARK (Centre Co.) — Multi-purpose ponds can be used to irrigate crops, water livestock, add a measure of the protection for buildings and support wildlife and recreation. Ponds also are a supplementary source of water for farm and household use.

Visitors to Penn State's Ag Progress Days August 15-17 will have the chance to see a pond under construction and talk to agronomists and engineers about construction methods and erosion and sediment control. Tours will leave from the conservation education tent every hour from 10:30 a.m. to 2:30 p.m. daily.

The Pennsylvania Land Improvement Contractors' Association is donating their expertise, equipment and materials to build the pond in the conservation research area at the Rock Springs Agricultural Research Center. It will be built according to plans developed by the Soil Conservation Service and agricultural engineers at Penn State.

Getting a head start on Monday, the contractors will divert the water from the watershed and spring above the site and remove the sod and top soil. On Tuesday they will be ready to cut out the dirt, taking measures to control erosion and sediment during construction. Dirt will be moved to form the breast of the pond. "We have about 1100 cubic yards of dirt to move," says Corky Miles, executive secretary of PLICA.

By Thursday the contractors hope to replace the top soil and be ready to reseed the area for a grass cover. "Once we are sure everything is working, we may have a ribbon cutting to let the water in before the end of Ag Progress Days," he says.

"Anyone who wants to build a pond should know what kind of soil they have, the slope of their land and the location of their water supply before proceeding," says Miles. Visitors will be able to ask questions about every phase of the construction. Those who want to build a pond can see how to handle the equipment and can get information about earth-moving contractors in their area for building assistance.

"We've always wanted to build a pond as part of the total conservation program at Rock Springs," says Joel C. Myers, state agronomist for the Soil Conservation Service and chairman of the Ag Progress Days conservation committee. "At Ag Progress Days in the future, we may be able to demonstrate irrigation systems, livestock watering facilities and even recreational fishing. In the next few years I hope we'll be able to develop wetlands below the pond site."

PLICA is the state chapter of a national organization for professional earth-movers who are interested in the land and conservation education. Members excavate sites for homes and industrial buildings, clear land for development and build erosion control systems. Associate members also sell and service earth-moving equipment. "PLICA has been an important part of conservation education at Rock Springs," says Myers. "In the past 10 years, members have donated their time, equipment and expertise to help build erosion control diversions, waterways, terraces and tile drainage areas for research, teaching and demonstrations.

Monday evening, August 14, Penn State and the Soil Conservation Service are holding a banquet at Rock Springs to honor members of PLICA for their contributions.

Penn State's Ag Progress Days features over 1,500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

IPM Keeps Pests Away

HARRISBURG (Dauphin Co.) — Recent media attention on pesticide use has highlighted consumer interest concerning the use of chemicals in food production. Fortunately, consumers and fruit growers in Pennsylvania have enjoyed the benefits of reduced pesticide use for the past 18 years thanks to research conducted at the Penn State Fruit Research Lab in Biglerville and supported by the Pennsylvania Department of Agriculture. The centerpiece of this research has been the integrated pest management (IPM) technique.

Integrated pest management dates back to the 1920s, although the technique did not gain broad acceptance for another 50 years. Since the 1970s, scientists have further developed IPM into a systematic approach to crop protection that helps growers make better pest management decisions through the integration of biological and chemical control methods.

One of the many proven successes of Integrated Pest Management has been in apple production. Over 15 years ago the Pennsylvania IPM program identified a tiny black beetle, **Stethorus punctum,** whose favorite food is the European red mite.

To combat the problem, researchers focused on the predator beetle and designed a program to reduce the mite population by helping to protect this natural predator. Since this integrated approach was adopted, Pennsylvania apple growers have been able to reduce their use of chemicals for mite control by an estimated 1.4 million pounds; at a savings of more than $14 million in pesticide cost.

Fruit growers are combining field monitoring for insects and diseases with computer prediction models to make decisions. In IPM programs, pesticide applications are restricted to situations where it is clear that economically damaging levels of pests are present and cannot be managed by biological means. Even then, low rates are used to prevent insects from becoming resistant to pesticides and are timed to target specific pests.

More widespread use of integrated pest management holds promise for further reductions in pesticide use and improved fruit production. Breakthroughs in biotechnology, population dynamics and biological controls will increasingly enable growers to produce fruit with environmentally sound methods.

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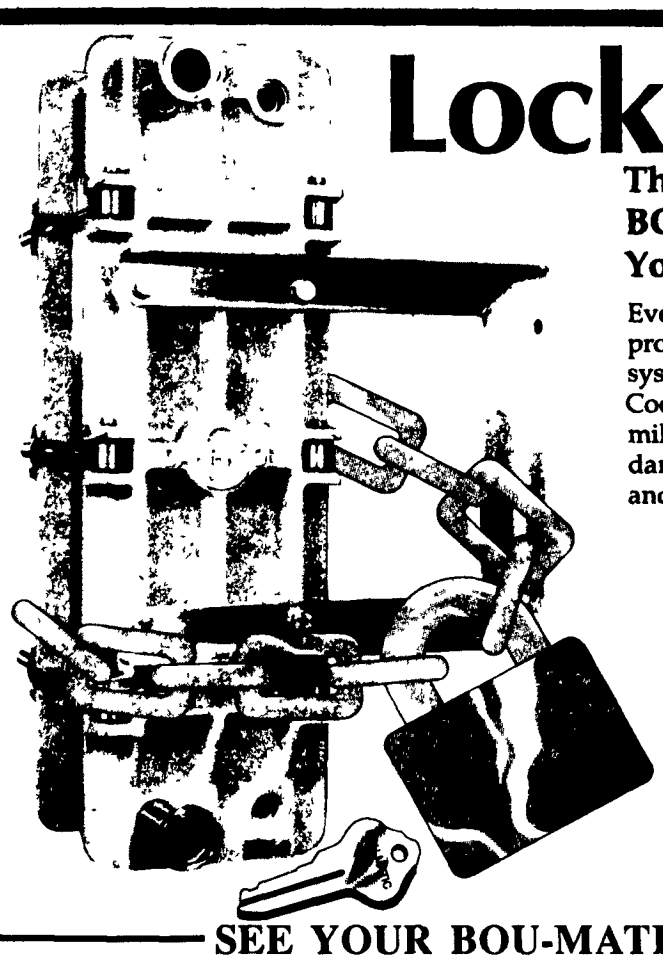
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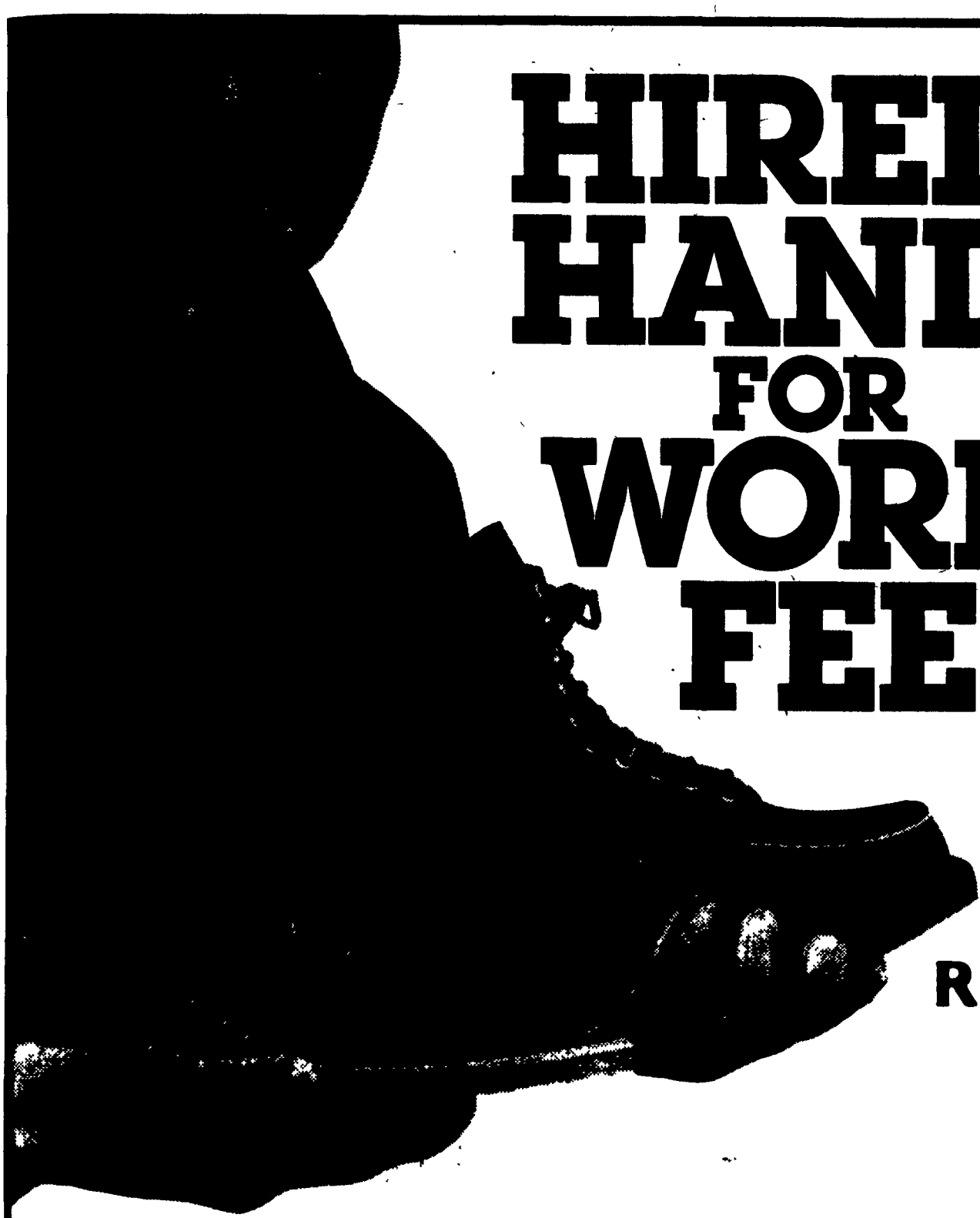

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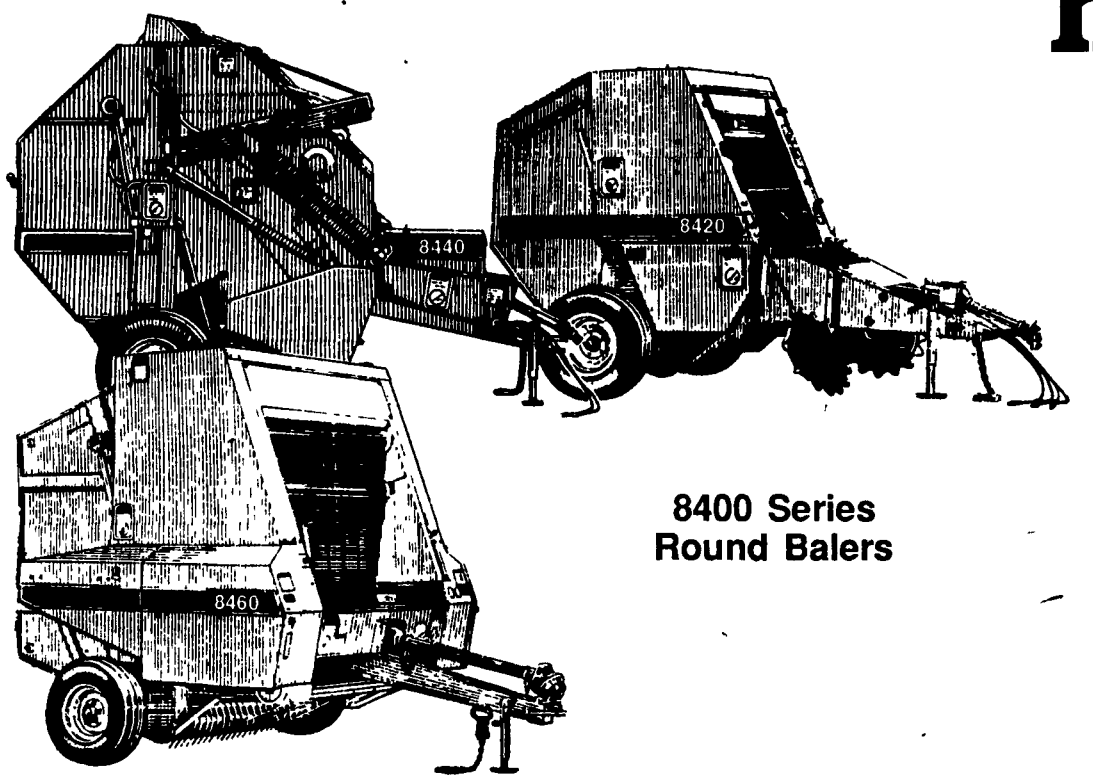
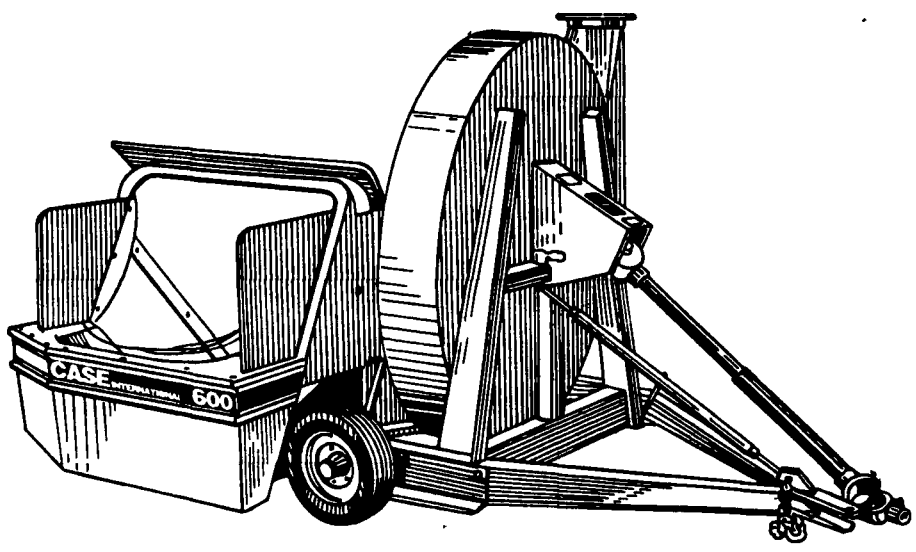


8400 Series Round Balers



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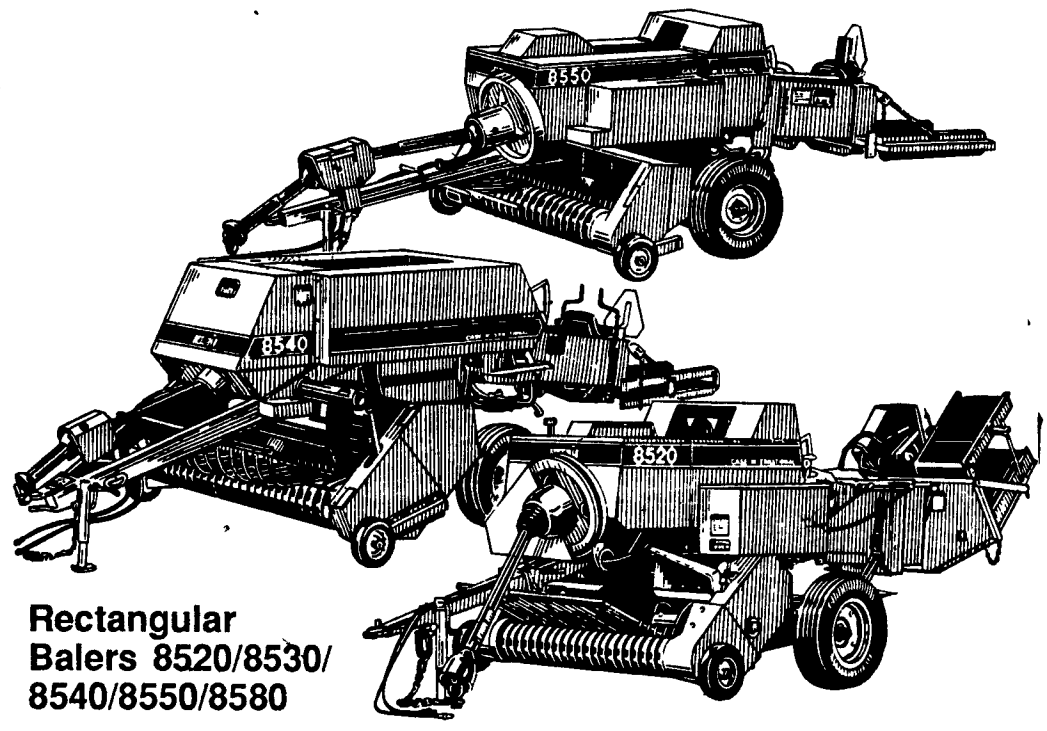
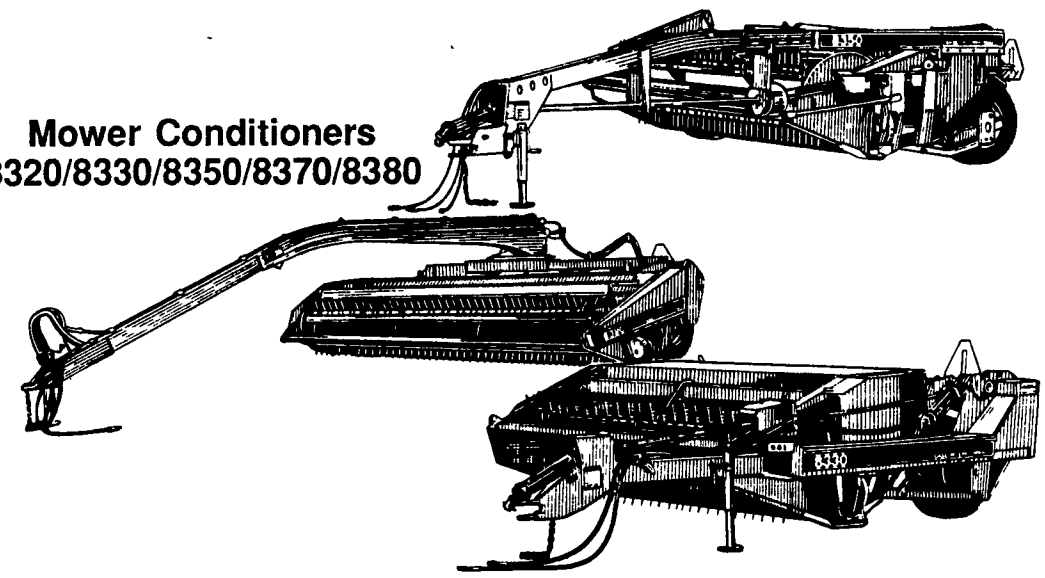


Rectangular Balers 8520/8530/ 8540/8550/8580



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Chester County 4-H Dairy Roundup A Success

KIMBERTON (Chester Co.)— The Chester County 4-H Dairy Round-Up was held at the Kimberton Fair Grounds on Saturday, July 22. Five 4-H dairy clubs participated with 71 animals being shown.

Paul Knight, a Holstein breeder from York County, judged type for both the Holstein and Ayrshire shows. Senior and grand champion Holstein honors went to John R. St. John III from Lincoln University with his aged cow, Maplebound Tony Heidi. Duane Stoltzfus of Morgantown captured both reserve senior and reserve grand champion Holstein awards with Pennwood Earl Sophia. Jeffrey Mark Yoder of Elverson was a double winner with his senior calf, Rocky-Side Concord Spunk, being named junior champion Holstein and his senior yearling, Rocky-Side Chaplain Charm Girl, taking reserve junior champion Holstein honors.

Senior and grand champion Ayrshire awards went to Craig Nolan of Cochranville with his aged cow, Tower View Star Cadrin. Kelly Young of West Grove was close behind with the reserve senior and reserve grand champion Ayrshire, a senior two-year old named Timberlawn Squire's D.R. Baby. Knight picked a junior calf, Dreamnol Johnny's Belladina, shown by Kevin Nolan of Cochranville as his junior champion Ayrshire and a junior yearling, Timberlawn Mozart's RR Rachel, exhibited by Kathryn Young of West Grove, as his reserve junior champion Ayrshire.

Bill Lesher, a Berks County dairyman, judged the Jersey and Guernsey show. Leading an excellent Jersey show was Karen Sanner of Downingtown with the senior and grand champion Jersey, Top-O-Hill Silver Beacon Penny, a four-year-old cow. Tammy Yeager of Spring City captured the reserve senior and reserve grand champion Jersey award with her junior two-year old, Jesters Lucy of SSF. Junior champion Jersey honors went to Tonya Kozlowski of Downingtown with her intermediate yearling, Top-O-Hill M.G. Valentine. Owen Bewley of West Chester was named the reserve junior champion with High Acres Snowflakes Frolic, a senior calf.

Becky Hendricks of Kimberton was the big winner in the Guernsey show with a fine junior yearling, Keystone Fayettes Pride, which was named grand champion and junior champion Guernsey. Noel Scheib had both the senior champion Guernsey, French Creek Elvis Brickle, a junior two-year old, and the reserve senior champion, an aged cow named French Creek Fayvor Lily.

The showing and fitting competition, always a closely contested event, was judged by Larry Swartz of Atlantic Breeders Coop. and Tom Arrowsmith, a Lancaster County Jersey breeder. Champion first-year showman honors went to Ben Hendricks of Kimberton, while the reserve champion first-year showman was Kevin Nolan. Hendricks also captured the champion first-year fitter award and Kevin Nolan was named the reserve champion first-year fitter.

Grand champion junior showman-fitter honors went to Craig Nolan, while Jeffrey Yoder was named reserve junior champion showman-fitter. In the senior division, many excellent showmen competed, with Duane Stoltzfus capturing the top award, senior champion showman-fitter. Noel Scheib was chosen as the reserve senior showman-fitter. Both Swartz and Arrowsmith complemented the 4-H members on the excellent way they presented their animals in the show ring.

Chester County Dairy Agent, Dave Swartz was presented with a hand-painted milk can from the Tri-Community 4-H Club for his service to the 4-H dairy members in the county. Dave is moving to Perry County where he will be the County Extension Director.

Crop Residue Workshop

UNIVERSITY PARK, Pa. — Effective crop residue management is a requirement of many USDA farm programs and should be a central part of any cropland conservation program.

Visitors to this year's Ag Progress Days, August 15-19, can join Penn State and Soil Conservation Service agronomists each day at 2 p.m. in a workshop on how to use crop residues effectively.

"The effectiveness of conservation tillage in reducing erosion is dependent on surface cover after planting," says Joel Myers, state agronomist and chairman of the Ag Progress Days conservation committee.

Agronomists will discuss the pattern of soil erosion in research fields that are a graphic example of the relation between the heavy rains this summer and the residue left on the fields after planting. Because of last year's drought and the fact that more corn was harvested for silage than usual, residues are less than they were last year.

The workshop will focus on the effects of several types of tillage practices including primary and secondary tillage operations, the use of sweeps or points on chisels and field cultivators as well as demonstrations of the effects of various tillage tools and teeth on surface residues. The type of tillage implement, the number and sequence of passes, the depth and speed of tillage and the distribution of residues before tillage all affect the amount of residues on the surface of a field after planting.

Lynn Hoffman, senior research associate in the department of agronomy, and Myers will lead the workshop and discuss a related educational exhibit on crop residue management that will be on display in the conservation tent. These presentations will help farmers comply with the residue management requirements of USDA programs.

Penn State's Ag Progress Days features over 1,500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

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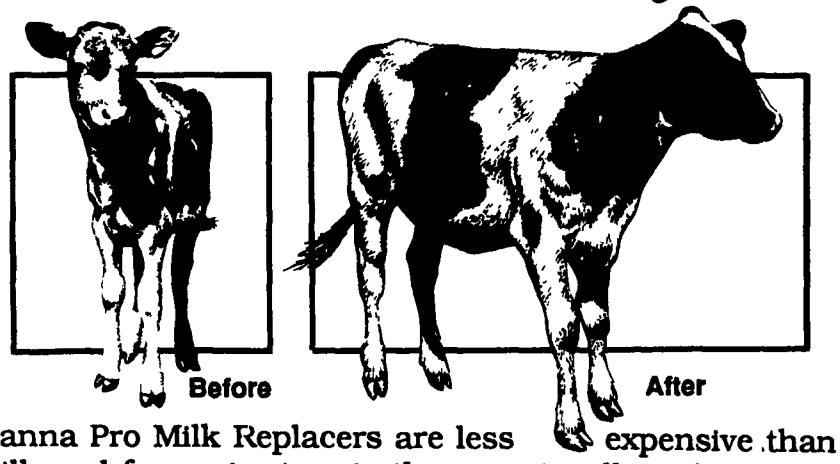

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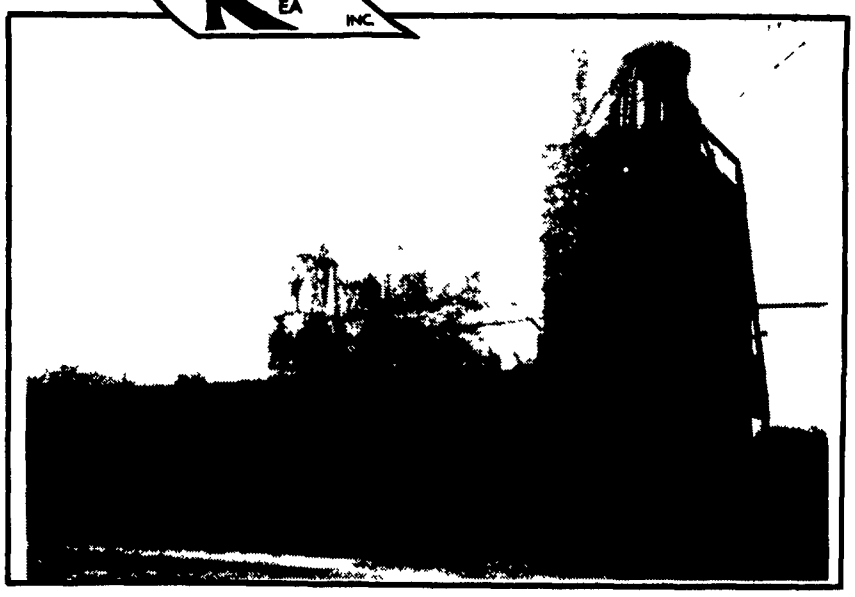

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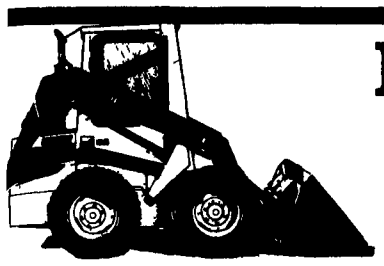

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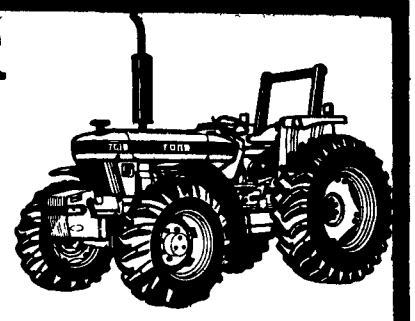

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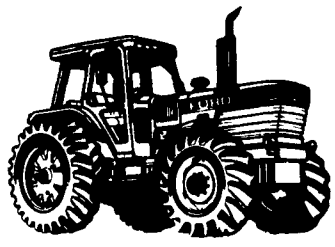

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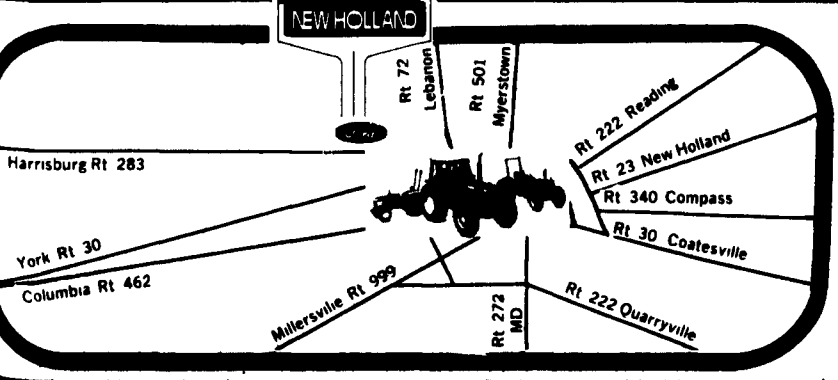

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Removing Alar From Market May Result In Fewer McIntosh Apples

ITHACA, N.Y. — The decision to remove Alar from the United States market may make it harder to find good McIntosh apples, according to experts at Cornell University.

Since its commercial introduction in 1968, Alar, the commercial name for the chemical daminozide, has been used extensively to prevent apples, particularly McIntosh, from dropping from the trees before harvest and to make the fruit firm. Because McIntosh is particularly prone to this problem, Alar has been the major management tool to prevent it.

Alar's manufacturer, Uniroyal Chemical Co., recently suspended sales of the chemical in the United States because of consumer fears about consuming Alar-treated apples. The chemical has been found to cause tumors in laboratory animals when fed at extremely high rates.

Many Northeast apple growers, especially those with older orchards of large McIntosh trees, will find it difficult without Alar to grow and harvest McIntosh apples that are of acceptable quality for fresh produce markets, said Warren C. Stiles, a professor of pomology in the College of Agriculture and Life Sciences at Cornell.

McIntosh has been the leading apple variety in the Northeast for decades since it survived the 1933-1934 winter kill that wiped out more than 80 percent of other apples in the region, according to Stiles.

Because standard McIntosh trees cannot be managed economically without Alar, Stiles suggested that most orchardists should replace their old McIntosh trees with smaller trees or trees of other varieties as rapidly as possible. More than 80 percent of New York state's McIntosh apples come from mature, large-sized trees, he said.

Currently, McIntosh is the leading variety of apple grown in New York state; the 7 million bushels of McIntosh apples produced each year represent about 35 percent of the state's annual crop. New York's 25 million bushels of apples a year place it second to Washington as an apple-producing state. Other major apple-producing states are Michigan, Pennsylvania, California and Virginia.

The impact on McIntosh trees will differ among different apple-producing regions of the state, Stiles said.

■ The Champlain Valley region of Clinton, Essex and Washington counties will be most severely affected. McIntosh is the predominant variety grown in that region, representing 74 percent of the total apple acreage. Of this acreage, more than 80 percent consists of mature, large trees, he said.

■ In the Hudson Valley, McIntosh constitutes 24 percent of the total apple acreage, and more than 82 percent of these orchards consist of large trees.

■ In the Lake Ontario region, McIntosh represents 16 percent of the total apple crop. In this region, 86 percent of all McIntosh orchards consist of large trees.

Growers in the Champlain Valley region will have to continue to produce McIntosh apples as the major variety in the region because other varieties are not hardy enough to withstand winter cold there, but about 40 percent of trees could be replaced in both the Hudson Valley and the Lake Ontario regions, Stiles estimated.

"There is no single alternative practice or set of practices that will match the effects of Alar in regulating the maturation and ripening of McIntosh apples," Stiles said. "It is critical to examine ways in which the adverse impacts of the removal of Alar from the market on McIntosh production might be minimized."

McIntosh trees could be replaced with other varieties such as Jonamac and Empire because these varieties mature at different times and do not drop off the tree as rapidly as McIntosh does, among other attributes, he said.

Stiles also offered other suggestions for orchardists that will reduce the effect of losing Alar. Among them:

■ Adjust use of nitrogen, potassium, calcium, magnesium, boron, zinc, copper and manganese as fertilizers according to nutrient analyses of McIntosh leaves.

■ Reduce the nitrogen levels in the trees so that the leaves contain about 1.8 percent nitrogen, resulting in increased red coloring and firmness and reduction in fruit size.

■ Pay more attention to two critical factors -- potassium fertilization and the nitrogen-potassium balance. Leaf potassium levels of 1.5 to 1.8 percent help improve fruit size, color and firmness.

■ Increase calcium levels in the trees. Applications of calcium chloride during the growing season help to increase the calcium supply to the fruit and also tend to result in slight restriction of fruit growth, but increased calcium supplies, overall, can be beneficial in minimizing the adverse effects of excessive nitrogen.

■ As the level of potassium is increased, place greater emphasis on supplying sufficient amounts of magnesium to minimize premature ripening and pre-harvest fruit drop. Response to higher potassium levels in trees is dependent on an adequate supply of boron in the soil to support active root growth.

■ Annually apply zinc and copper, which influence fruit size and color, as indicated by leaf analysis.

■ Maintain adequate manganese levels in the trees to promote normal leaf development and function.

■ Suppress weeds, which compete for water and nutrients available to trees. In most situations, a herbicide strip equal to one-third of the distance between rows is adequate.

■ Prune in mid-August, which can help to improve light distribution to aid in fruit color development.

■ It is critical to monitor fruit maturity throughout the harvest period. Fruit from young trees should not be put into controlled-atmosphere storage. During harvest, move the fruit from the orchard to storage as quickly as possible; the fruit should be in refrigerated storage within a few hours of picking. Once the controlled-atmosphere storage rooms are opened, the fruit must be packed and shipped to markets within two weeks.

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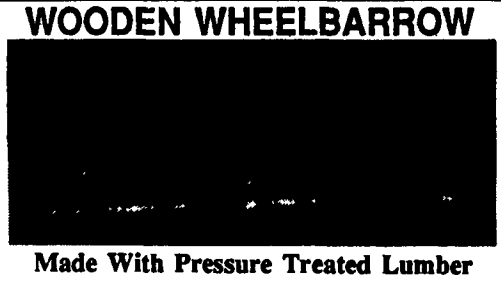

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Haying, Grazing Authorized In Some Pennsylvania Counties

HARRISBURG (Dauphin Co.) — Several Pennsylvania counties have been approved for Emergency Haying and Grazing of Acreage in Conservation Use resulting from the 1989 Crop Acreage Reduction Program. Authorization was granted on July 13, 1989 by William Penn, deputy administrator of state and county operations of Agricultural Stabilization and Conservation Service of the U.S. Department of Agriculture.

Donald Unangst, Pennsylvania state director of the ASCS, said, "Program participants who wish to graze or make hay from program acreage designated as Acreage Conservation Reserve or acreage designated as Conservation Use for Payment shall request permission to use the acreage before harvesting begins."

Requests shall be made at the county office of the Agricultural Stabilization and Conservation Service that services the land being harvested.

Program participants may use the forage grazed or harvested for their livestock, may authorize others to harvest or graze, and may sell the forage in the field or from storage at a later date.

Pennsylvania County ASC Committees and the Pennsylvania State Committee requested approval of the Emergency Haying and Grazing Programs to alleviate some of the forage and grain losses that farmers have experienced due to excess rain during the planting and harvesting season.

The following counties were approved for Emergency Haying and Grazing on July 13, 1989: Berks, Bradford, Butler, Centre, Clarion, Clearfield, Clinton, Crawford, Forest, Franklin, Huntingdon, Lackawanna, Lawrence, Lebanon, Luzerne, Lycoming, Mifflin, Perry, Potter, Schuylkill, Snyder, Susquehanna, Tioga and Union.

Director Unangst said, "several additional counties have requested Emergency Haying and Grazing. Additional counties may be approved soon."

Forage released by USDA for harvesting and grazing may partially replace losses. We cautioned that the Conservation Reserve Program (10 year land retirement) acreage has not been released in Pennsylvania.

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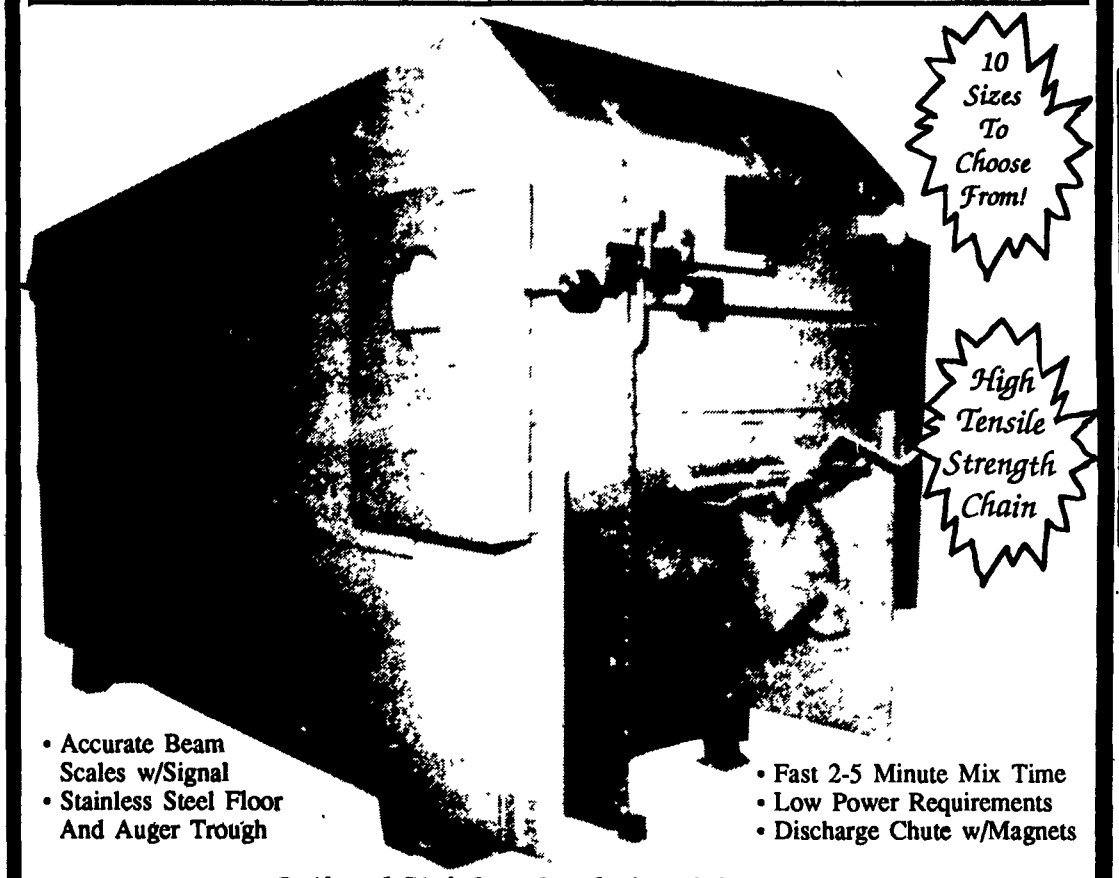

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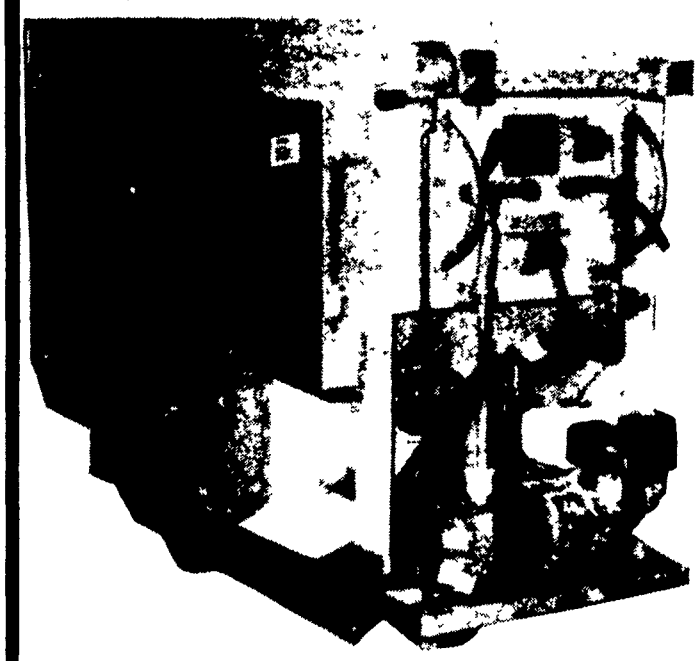

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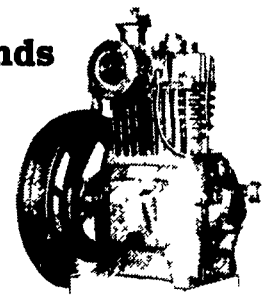

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Farming Cropland Terraces

UNIVERSITY PARK, Pa. — As part of an overall emphasis on conservation planting practices, this year's Ag Progress Days will feature a demonstration of farming cropland terraces, Wednesday, August 16 at 11:30 p.m.

Agronomists will show visitors effective ways to plan, plant and harvest terraced fields. The cropland site at the Rock Springs Agricultural Center was developed 10 years ago with pipe-outlet terraces and has been successfully farmed in a corn, small grain and alfalfa rotation using no-till planting methods.

The terraces help prevent water run-off and soil erosion on sloped fields by draining excess water through channels within the terrace to a stand-pipe where water then flows off the site. While the design creates an effective conservation system, it also presents special problems during planting and harvesting. tilling can gradually fill in terraces, so farmers must adapt their practices to preserve the design and performance of the terraces, which are usually costly to construct.

Lynn D. Hoffman, senior research associate in the department of agronomy, and Joel Myers, state agronomist with the Soil Conservation Service, will explain machinery procedures that work best for cropland terrace farming and will answer questions from visitors. The presentation will be held during Wednesday's regular equipment demonstration of tillage and conservation planting.

Other field equipment events at Ag Progress Days include daily demonstrations of corn chopping, conservation planting, tillage, silage bagging, mowing and tedding, and hay baling and handling. Demonstrations are scheduled hourly from 10:30 a.m. to 2:30 p.m. in the fields surrounding the exhibit area. Please consult the Ag Progress Days program for exact times and locations.

Penn sate Cooperative Extension agents Dick Plotts in Clinton County, Bob Hetrick in Blair County and Gordon Walker in Mifflin County have been working closely with faculty in the department of agricultural engineering to organize this year's machinery demonstrations.

Penn State's Ag Progress Days features over 1,500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

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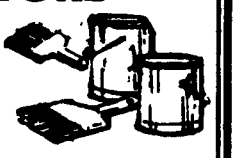
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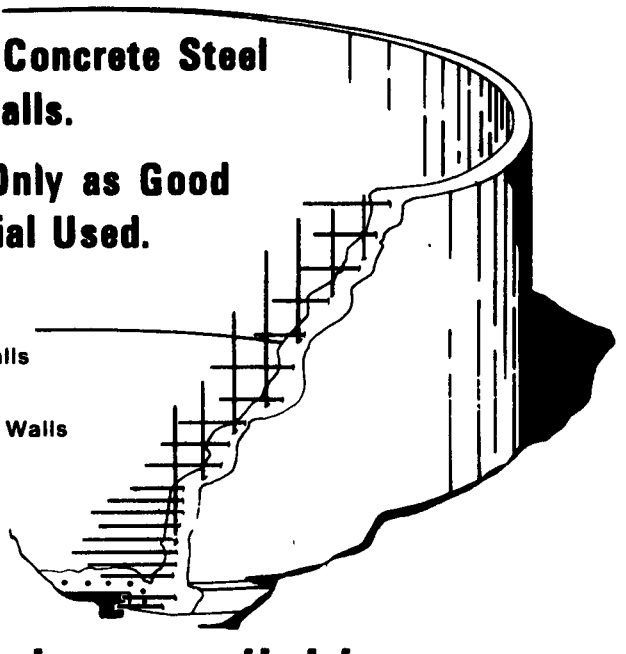
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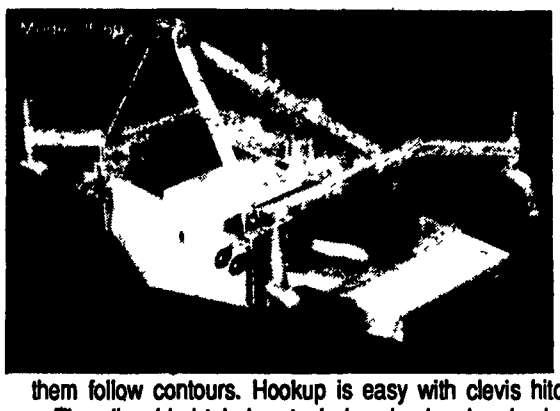


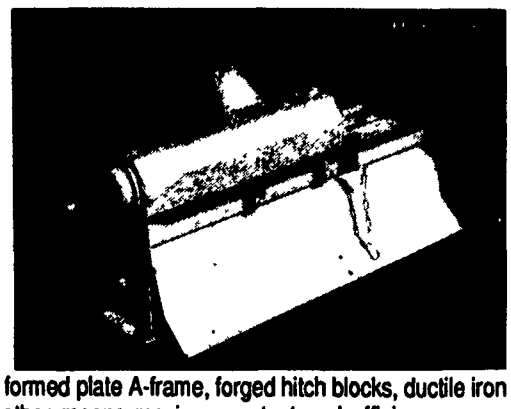
3-SPINDLE GROOMING MOWER
60" and 72"

The Land Pride® Grooming Mowers are the new standard in finishing mower. Both the Flat Deck model and Air Tunnel model combine superb mowing quality, structured strength, and operator convenience.

Configured with four wheels, two wheels, or two wheels and roller, these mowers hug the turf for a clean, even cut. A floating hitch and top link help them follow contours. Hookup is easy with clevis hitch and adjustable hitch blocks.

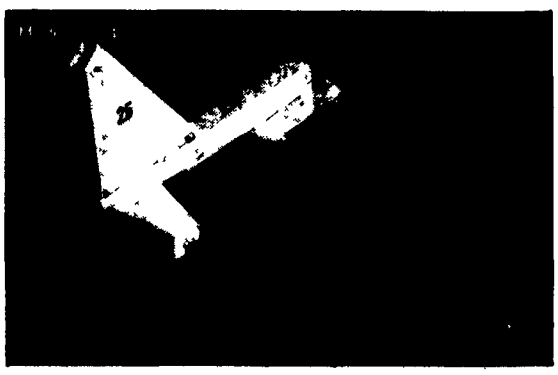
The all-welded tubular steel chassis absorbs shock loads instead of the deck. Choose the standard Flat Deck model, or for better suction and discharge the Air Tunnel model.

TILLERS
34" through 74"



These premium tillers offer superior features and design. Both the 10 and the 15 series feature heavy-duty cast iron gear boxes, #80 drive chain, 15" rotor swing diameter, profiled stamped chain cover and rear deflector; these tillers offer features and workmanship second to none.

Our heavy-duty 25 and 35 series tillers offer the ruggedness needed to handle the big jobs. Both offer heavy-duty formed plate A-frame, forged hitch blocks, ductile iron worm gears, and #100 chain, which together means maximum output and efficiency.



REAR BLADES
48" through 96"

The four series of Land Pride Rear Blades provide you with a choice of 10 different models. Whether it's a hobby blade for a 20 horsepower tractor or a heavy-duty model with angle, tilt and offset, you'll find a Land Pride blade to match your tractor — and your job.

Quality designs and rugged construction are evident throughout the rear blade line. Each blade has a heavy-duty rolled moldboard to keep material flowing smoothly. And all Land Pride blades have *replaceable high-carbon, heat-treated, cutting edges.* They are reversible on the 15, 25, and 35 series for an even longer life.

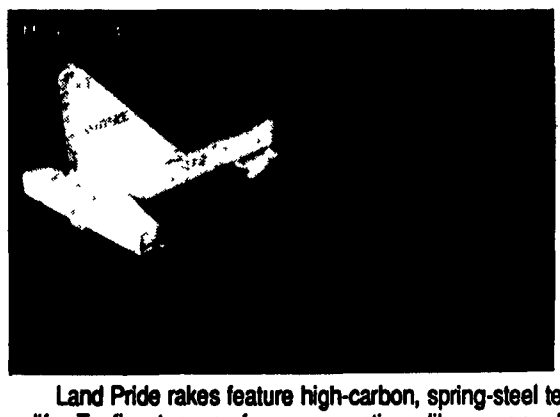
Land Pride Rear Blades are available with a full range of options, including skid shoes, side plates, gauge wheels, and on the 35 series — a hydraulic cylinder to adjust offset on-the-go.

PULVERIZERS
48" through 84"

Land Pride Pulverizers have the weight you need to scarify, level and pulverize — all in one pass. The flame-hardened ⅝" teeth, placed on two staggered rows, aggressively rip into the ground. The heavy-duty H-beam design — 10" on a series 15 and 12" on a series 25 — grades and levels behind the scarifying action of the teeth. At the back is a roller which is durably constructed of a 5⅝" x ⅜" wall round tube with steel spikes to pulverize the soil. The spikes are spirally spaced to provide a spike every ¾" over the working width of the tube.

Both the 15 and 25 series are available with single or double rollers and also with a cast notched roller.

Land Pride's added value includes features like: self-aligning, cast 1" bearings with triple lip seals, heavy-duty down pressure springs, and formed plate A-frame on the 25 series.



LANDSCAPE RAKES
48" through 96"

A rugged landscape rake from Land Pride is a versatile addition to any landscaping arsenal. With 11 models in four different stages, there is a Land Pride rake to meet your needs.

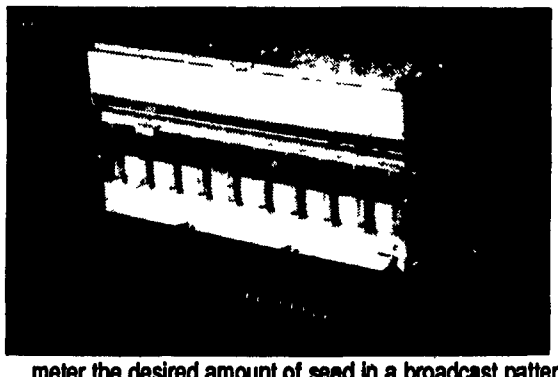
Rake uses include: clean-up of roots, rocks and other debris prior to seeding, spreading and distributing topsoil and crushed rock, general grooming and soil preparation.

Land Pride rakes feature high-carbon, spring-steel teeth and heavy-duty A-frames for a long life. To fine tune performance, options like gauge wheels and flip-down grader blades are available.

ROTARY CUTTERS
48" through 120"

With 3 series and 10 models to choose from, you'll find a Land Pride Rotary Cutter to efficiently match your acreage tractor horsepower, and budget. From our 4', 5' and 6' standard duty series 15 to our 10' heavy duty series 35, Land Pride Rotary Cutters offer exceptional features, durability, and value.

Our 3-point standard model, the series 15 features 4', 5' and 6' cutting widths, one piece reinforced deck, tail wheel, rock jumper, flex hitch, and free swinging blades. Our medium duty series 25 adds deck reinforcement, a 10' width, and a pull-type option. The heavy duty series 35 offers our heaviest deck, a 7' model option, double spindle blades on the 10' model, and choice of tires.



SEEDERS
48" and 72"

The Land Pride Solid Stand® Seeder is designed for accurate interseeding and new seeding of grasses. The three-way soil-to-seed contact system provides greater germination and emergence with the solid advantages of a full width seeding pattern. First, the PTO driven knives slice into the ground creating slots to receive the seed. The proven fluted seed cups then precisely meter the desired amount of seed in a broadcast pattern. Second, easily adjustable double torsion tickler tines agitate the seeding surface to help promote soil-to-seed contact. Third, solid cast iron packer wheels finish the job by pressing and firmly packing the seed, eliminating air pockets for proper germination. Being able to incorporate an aerating procedure into an interseeding program helps eliminate the need for a separate pass, while promoting a more accurate renovation of established turf.

BOX SCRAPERS
42" through 84"

Land Pride Box Scrapers are built rugged for a long dirt-moving life. With the 4" square tubing main frame and ½" x 6" heat-treated, reversible cutting edge, these box scrapers are designed with the features you need.

The ruggedly-constructed Land Pride Rollover Box Scrapers offer a wide variety of dirt-working possibilities. Position the moldboard forward (as shown) to move dirt ahead, or face it rearward in order to backfill. Or, use the scarifier shanks to rip by facing the moldboard up and the shanks down. Pull one handle to switch moldboard position.

Land Pride Retractable Box Scrapers are engineered to match up with today's industrial tractors. Both high and low models are available.

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LAND PRIDE

Maryland Youth Groups Achieve Volunteerism Honors

COLLEGE PARK, MD. — What do 4-H youth clubs in Montgomery County, Md., have in common with the town of Embarass, Minn., the Hawaii Department of Transportation and the Naval Reserve Mobile Construction Battalion 26 detachment at Mount Zion, Ill.?

All can be considered friends of ALF, the "alien lifeform" of network television fame. ALF is the "spokesalien" these days for the "Take Pride in America" public service campaign to promote volunteerism and the protection of public lands throughout the United States.

The groups mentioned above, plus 100 other groups and individuals, recently were named national winners for 1988 in the third annual "Take Pride in America" awards program. Representing 37 states and the District of Columbia, the 103 winners were honored July 24 in Washington, D.C., during a ceremony on the White House south lawn.

President George Bush and his wife, Barbara, were among those offering congratulations. Mrs. Bush was honorary head of the Blue Ribbon Panel of Judges. Dr. William P. Hytche, president of the University of Maryland Eastern Shore, was among 30 members of the judging panel.

Stacey Blankenbaker, 18, of Aspen Hill accepted the "Take Pride in America" award for Montgomery County, while 24 of her fellow 4-H members and a sprinkling of adult leaders applauded. A 4-H member for nine years, Miss Blankenbaker is a 1989 graduate of Rockville high school. She plans to attend Stanford University this fall and major in international relations.

On July 25, Stacey and her group made a return trip to Washington, D.C., to receive followup honors from the U.S. Department of Agriculture and personal congratulations from Clayton K. Yeutter, secretary of agriculture. Yeutter was a co-chairman of the national judging committee.

Nearly 1,000 persons from 40 of the county's 4-H clubs participated as volunteers in the prize-winning Montgomery County "Take Pride in America" effort during 1987 and 1988.

Their project was dubbed "Adopt a Park," according to Ruth A. Proctor, acting director in Montgomery County for the University of Maryland's Cooperative Extension Sesrvice. Mrs. Proctor has been an Extension 4-H agent since 1975.

She urges every Montgomery County resident to follow the example set by the 4-H members in taking care of the beautiful green spaces that are so precious to an urban area like Montgomery County.

In cooperation with the Montgomery County Department of Parks and the Maryland-National Capital Park and Planning Commission, the 4-H members reforested two park areas to help prevent soil erosion, planted 5,000 tulip bulbs to beautify public areas throughout the county, and restored a trail in one of the county parks.

They also coordinated a photography contest for the public to promote county parks. And they planted a tree to commemorate the Bicentennial of the U.S. Constitution.

Individual 4-H clubs adopted parks near their central meeting place and worked with the park managers to help keep them clean and attractive.

Montgomery County 4-H members used a "4-H Takes Pride in America" theme for their float parade and poster contest last year at the county fair. Their efforts have been recognized by the county soil conservation district and the county government.

The Montgomery 4-H clubs were among 17 national youth group winners in the 1988 "Take Pride in America" program. Other winning 4-H groups came from Colorado, Texas, Wyoming and Oklahoma.

Boy Scout group and individual winners came from Montana, Tennessee, Nevada, Idaho, Colorado, Washington, North Dakota, Alabama, Pennsylvania and Arkansas.

Winning FFA chapters hailed from Strasburg, Va., and Ration, N. Mex.

The Caroline 4-H Park Board of Denton, Md., advanced to the final round of judging in the 1988 "Take Pride in America" competition. It was entered in the category for public-private partnerships.

Four other Maryland entries qualified as semi-finalists. They were as follows:

Civic-Citizen Organizations-- C.A.M.P.E.R. Stream Committee of Thurmont;

Educational Institutions-- Beddow School, Fort Washington;

Youth Groups-- Francis Scott Key chapter, Order of the Arrow, Boy Scouts of America, Thurmont.

Troop 724, Boy Scouts of America, Waldorf.

"Take Pride in America" is a national campaign to increase awareness of the need for wise use of this nation's natural and cultural resources, encourage an attitude of stewardship and responsibility toward our natural resources, and promote volunteerism to achieve those goals.

The campaign is a public-private partnership involving 47 participating states and two U.S. territories, nine federal agencies and many private sector organizations.

Each year, the "Take Pride in America" national awards program seeks to recognize outstanding volunteer stewardship activities occurring throughout the nation. The 1988 winners were selected opn the basis of need for the activity, effect on public awareness, effectiveness of methods used, effect on public lands, and variety of participation.

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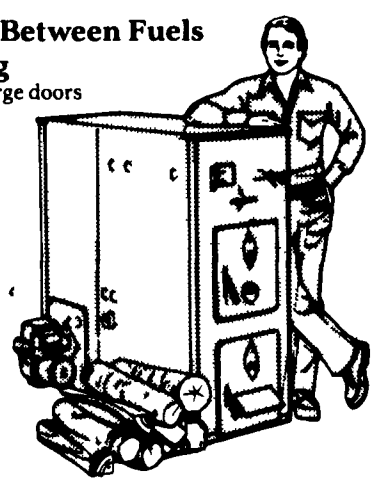

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Effects Of Tillage On Annual Weeds

BY ROBERT G. HARTZLER
Penn State Asst. Professor

Before the introduction of herbicides, repeated preplant tillage was a widely practiced weed control method. An initial tillage operation in the spring killed previously emerged weeds and stimulated a new germination flush. Tillage was then repeated to kill the new flush and to stimulate more weeds to germinate in an effort to reduce the number of viable seeds in the soil.

These intensive tillage systems resulted in fairly predictable and consistent weed germination patterns from year to year.

Problems from annual weeds begin with the reservoir of weed seeds in the soil. Weed seeds can remain alive in a dormant state in the soil for many years before eventually germinating when conditions are favorable and dormancy is broken. While seeds of some grassy species have a potential life in the soil of only 10 to 20 years, some broadleaf weed seeds can remain viable for as long as 50 years or more.

This tremendous survival potential of weed seeds does not mean that weed control efforts are futile. In a University of Illinois study where corn was grown continuously for 6 years and weed control was effective, weed seed numbers in the soil decreased by 70 percent. Even velvetleaf, which is notorious for its seed longevity, can be reduced by preventing seed production. In a University of Minnesota study, velvetleaf seed numbers were reduced by 90 percent over 4 years by repeated tillage that stimulated germination, but allowed no seed production.

Moldboard plowing buries many recently produced weed seeds to depths unfavorable for germination. These seeds are not killed, but actually are placed into a deeper state of dormancy and are able to survive longer than seeds placed more shallowly in the soil. Plowing also brings other buried weed seeds near the surface where they germinate.

In reduced tillage systems, recently produced weed seeds are no longer buried to depths too deep for germination. If a significant number of weeds are allowed to go to seed, weed seed numbers in the top inch or two of soil will begin to increase and weed problems can intensify. However, if weeds are controlled prevent seed production, the number of seeds near the soil surface will begin to decline because shallow seeds either germinate and are killed by the weed control system or die more quickly than deeply-buried weed seeds.

Besides influencing weed seed placement in the soil, varying tillage systems also influence when and how many seeds germinate. Iowa State University studies have shown that disturbing the soil 1 inch deep resulted in a 30 percent increased density of weeds such as foxtail, redroot pigweed, common lambsquarters, velvetleaf, and Pennsylvania smartweed, compared to no tillage. With deeper tillage, germination of weeds was similar to that with no tillage, except for velvetleaf and cocklebur, which germinated to a greater extent with deeper tillage.

Reduced or no-tillage results in cooler and wetter soil in early spring. This may in turn influence weed seed germination. Germination of certain weeds, such as pigweed, requiring warm temperatures, may be delayed. Compared to plowing, conservation tillage systems have usually resulted in germination of fewer broadleaf weeds. Moderate tillage systems that use chisel plows or disks have sometimes increased germination of foxtails, compared to plowing, while no-till plots usually have had the fewest weeds germinating. Weed germination may be more periodic and uneven with no-till systems, since there is no one-time stimulus of tillage, and the soils warms up more slowly.

In general, when shifting from moldboard plowing to a reduced tillage system, annual grasses such as foxtails remain a major weed problem, while certain broadleaf weeds tend to decrease. Weed germination may be delayed or more sporadic. Consequently, herbicides with greater persistence of follow up postemergence treatments may be advantageous in conservation tillage systems.

Changes in tillage may result in shifts in weed problems. However, weed control systems are available which provide consistent weed control in conservation tillage systems. Farmers should be alert to shifts in weed problems and be ready to adjust their herbicide or tillage problems accordingly.

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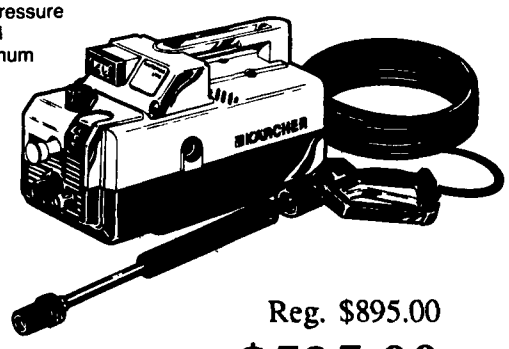

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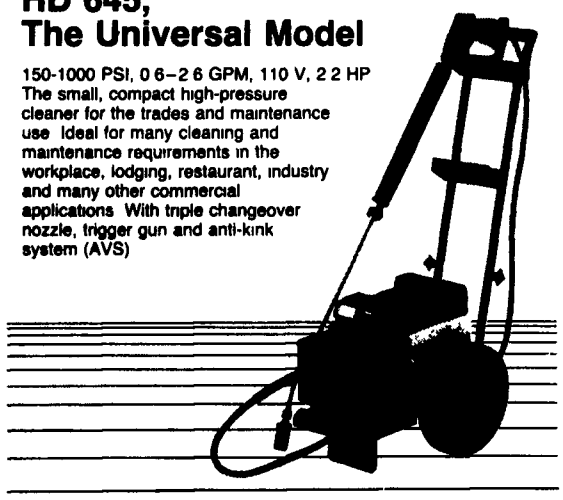

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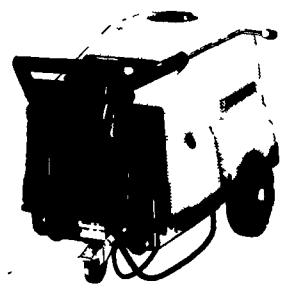

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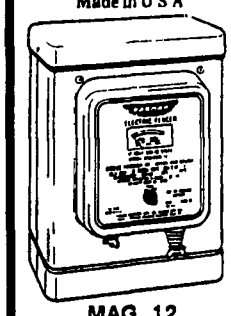

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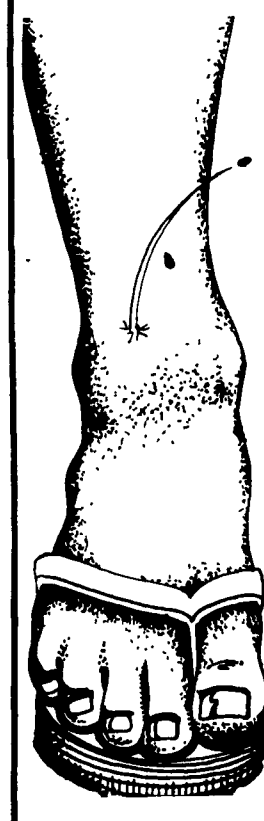

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RCMA To Have Educational Exhibit At Empire Farm Days

The Regional Cooperative Marketing Agency (RCMA), a bargaining agency working to stabilize the Northeast dairy industry on behalf of its 22,000 dairy farmer-members, will have an exhibit at the 56th annual Empire Farm Days, sponsored by the Empire State Potato Club, Inc., on August 8, 9 and 10, 1989.

RCMA is just one of more than 400 exhibitors from the U.S. and Canada at the three-day event that brings the Northeast farmer the tools necessary to be successful in the future. These tools include the newest, most advanced lines of equipment, machinery, products, services, chemicals, and much, much more! RCMA and the other Farm Days exhibitors are serious about farming in the year 2000.

RCMA dairy farmer leaders will be present at the company's exhibit to explain to fellow dairy farmers and consumers the concept of "over-order" pricing and the benefits of RCMA in the Northeast marketplace. RCMA will have informational brochures and "GO RCMA" stickers available.

Empire Farm Days has earned a reputation of high quality and excellence through a policy of dedication to meeting the marketing needs of its exhibitors and to serving the needs of today's farmer and farm family. Empire Farm Days will host the Seneca County Corn Contest Plot where the public can see and compare more than 50 varieties of corn planted in a 10-acre plot on site.

In cooperation with the NY Farm Bureau and the NYS Grange, Empire Farm Days brings the farm family new and innovative ideas - all designed to make life in the always challenging farm business easier, safer and happer. This year's NY Farm Bureau programs include: starting a home business; gardening/landscape tips; tips on cooking healthier, tastier and quicker meals; and timely tips for working with your legislators. NYS Grange programs include: basket weaving, quilting, sweatshirt "art" and other craft ideas; Cornell's Ag in the Classroom program; 4-H update; efficient water use; and FARM SAFETY.

Empire Farm Days, held annually, will be at the Rodman Lott and Sons Farm on Rte. 414 in Seneca Falls, New York for the second time. Empire Farm Days is open Tuesday, 9 a.m. -5 p.m.; Wednesday, 9 a.m.-6 p.m.; and Thursday, 9 a.m. to 4 p.m. Parking is $2.00, and admission to the show is free.

RCMA invites the public to stop by the booth and learn more about dairy products and the Northeast dairy industry; or call RCMA at any time, toll free: 1-800-634-3723. Look for RCMA's ad in the Country Folks, American Agriculturist, New England Farmer and Focus on Farming.

Pork Checkoff Dollars Fund U.S. Export Growth

DES MOINES, IA — Producer checkoff dollars are playing an important role in the dramatic increase in U.S. pork product exports.

U.S. pork exports climbed 80 percent in 1988, totalling 194 million pounds (equivalent carcass weight). According to a recent study conducted for the U.S. Meat Export Federation (MEF), the momentum is continuing in 1989. U.S. pork exports for January through April of this year recorded a hefty increase of 111 percent compared to the same period in 1988. Even more significant is the information that the 58 million pounds of pork the U.S. exported during that four month period was valued at $94 million, up 8 percent from a year ago at the same time.

The MEF report estimates that exports of U.S. pork and its by-products added 90 cents per hundred weight to hogs sold in 1988.

Increased promotional efforts, financed with producer checkoff dollars and federal Targeted Export Assistance (TEA) funds are given much of the credit for the increased overseas U.S. pork sales. "We work with the Export Federation to draw up overseas promotion plans according to the priorities set by producers," said Gerald Martens, director of foreign trade for the National Pork Producers Council (NPPC). "Those plans are taken to USDA where they are reviewed for additional funding through the TEA program."

This year, more than $350,000 in producer checkoff funds will be invested in foreign market promotions for U.S. pork. Another $2.4 million is anticipated from federal TEA funds.

One of the major program efforts last year was a "Pork Bonanza" in Japan which involved in-store promotions, cooking demonstrations and various special events throughout that country. It was the biggest promotion for U.S. pork ever held in Japan. Exports to Japan nearly doubled, to almost 122 million pounds in 1988. Another major promotion effort will be staged by MEF and NPPC in Japan in August of this year, according to Martens.

"There is a tremendous market potential for U.S. pork products in Japan, Martens said. "Producer checkoff dollars are providing the opportunity to showcase and give Japanese consumers a taste of high quality U.S. pork products. We think Japan will become an even better customer for U.S. pork in the next few years than they are now," he added.

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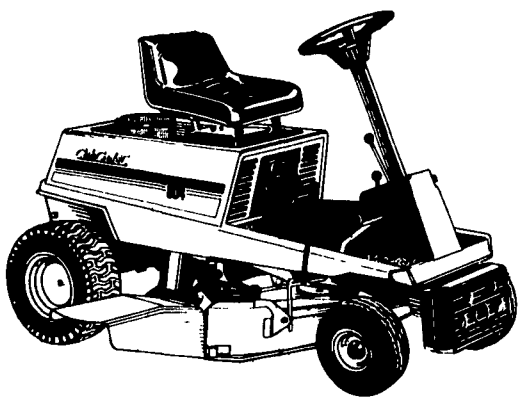

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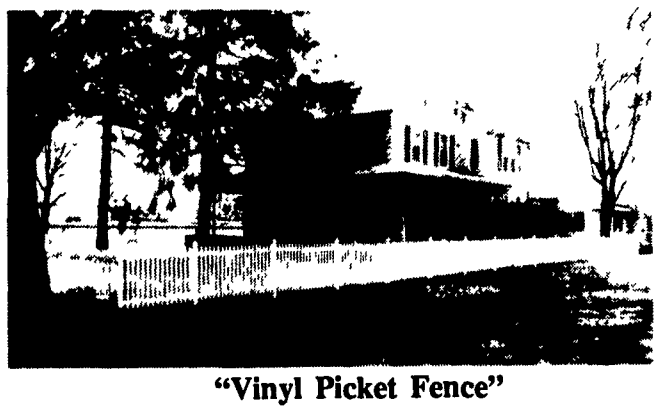

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U.S. Trade Flows Firmed Up By Farm Exports

WASHINGTON, DC — The United States continues to have a larger positive trade balance in farm products than in any other category of exports; according to a recent issue of the Agriculture Department's "Farmline" magazine.

In calendar year 1988, U.S. agricultural exports totaled $37.1 billion and agricultural imports $21 billion, for a surplus of $16.1 billion, says economist Tom Warden of USDA's Economic Research Service. Only four categories of merchandise trade registered surpluses last year, and the other seven showed negative trade balances.

The categories on the positive side, in addition to agriculture, were aircraft, ships, and railcars $15 billion, chemicals $13.2 billion, and data processing and office equipment $600 million. Those with negative balances were road vehicles $50.5 billion, mineral fuels and products $32.2 billion, miscellaneous manufactured articles $25.6 billion, household and electrical appliances $24.1 billion, textiles and apparel $22.2 billion, wood, pulp, and paper products $3.7 billion, and industrial machinery $1.9 billion.

Agricultural products accounted for 12 percent of the $308 billion in total U.S. exports for 1988 and 5 percent of the total imports of $437 billion, Warden says.

The only category of exports to total more, by value, than agricultural products in 1988 was industrial machinery, at $37.7 billion. The other category totals: chemicals $32.3 billion, household and electrical appliances $27.8 billion, road vehicles $25.4 billion, data processing and office equipment $23.1 billion, miscellaneous manufactured articles $22.1 billion, aircraft, ships, and railcars $21.3 billion, wood, pulp, and paper products $12.8 billion, mineral fuels and products $8.2 billion, and textiles and apparel $5.3 billion.

Among the categories of imports, agricultural products ranked eighth last year. The totals of purchases from overseas were: road vehicles $75.9 billion, household and electrical appliances $51.9 billion, miscellaneous manufactured articles $47.7 billion, mineral fuels and products $40.4 billion, industrial machinery $39.6 billion, textiles and apparel $27.5 billion, data processing and office equipment $22.5 billion, agricultural products $21.0 billion, chemicals $19.1 billion, wood, pulp, and paper products $16.5 billion, and aircraft, ships, and railcars $6.3 billion.

According to the latest USDA forecast, the agricultural trade surplus is likely to rise to $18 billion in 1989, once again leading all other categories in positive contributions to the U.S. trade balance. Agriculture might even overtake industrial machinery as the leading export category this year, Warden says.

U.S. agricultural imports are expected to show little or no growth this year over 1988 levels, the economist adds.

Freshest Foods In Farm Directory

CREAMERY (Montgomery Co.)— It's now much easier for consumers to enjoy the freshest foods and farm products in Bucks and Montgomery Counties.

That's because Cooperative Extension has a new directory called **Foods from Bucks and Montgomery County Farms** that lists 80 growers offering nearly 400 farm products of all types. Consumers can get their copy of the directory by contacting their county Cooperative Extension offices listed in the phone book.

Foods from Bucks and Montgomery County Farms shows the producers with the berry patches, orchards, vegetable plots, meat and dairy products, ornamental plants, vineyards, to name a few. If it's grown for sale, it's in the directory.

Listings show the farm or grower's name, address, location, phone, products offered, and hours of business. A map of Bucks and Montgomery Counties marking the farm locations makes it easy to scan the direct marketers in a locale.

This directory is part of a three-part series. Consumers can also obtain **Foods from Lehigh Valley Farms** and **Foods from Berks County Farms** at these county extension offices.

Direct marketing to consumers is one of the strategies farmers are using to survive in a changing southeastern Pennsylvania. By taking on the roles of middlemen and retailers, these farmers are working to build their own niche in the competitive food marketplace. These roles add to the challenges farmers already face, namely weather, pests, and rising costs. But many believe direct marketing offers their best chance to meet income needs.

Cooperative Extension believes agriculture can adapt to the challenges of rapid development and influx of people. Key to that success is to help residents enjoy the bounty of fresh farm products and to understand the unique benefits of a strong farm economy. The **Foods from Farms** series is a part of that effort.

The Montgomery County Extension Office is located on Route 113 in Creamery, PA, telephone (215) 489-4315. Consumers should indicate which of the three directories they'd like.

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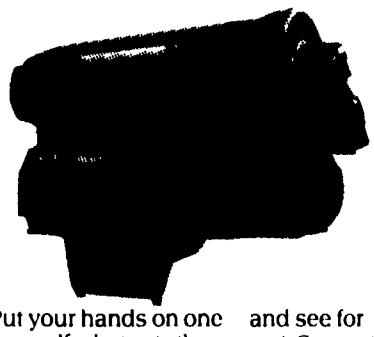

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Proper Precautions Prevent Food Poisoning

CHICAGO, IL — The U.S. food supply remains one of the safest in the world, despite news headlines to the contrary. What most of us don't realize when we read about outbreaks of food poisoning and salmonella, is that most foodborne illnesses occur when food has been mishandled in the home. By following proper safety steps in food preparation, you can help protect yourself and your family from the unpleasant results of salmonella poisoning.

Marlys Bielunski, director of the Test Kitchens for the National Live Stock and Meat Board, emphasizes the importance of proper food management, especially when handling perishables. "Salmonella is a bacteria that is found on many meats, poultry, fish and dairy products and eggs.

"When you purchase your foods, make sure that you pick up the perishable goods very close to the end of your shopping," says Bielunski. The grocery store should be the last stop for the day, she adds. When returning from a shopping trip, perishables should be stored immediately.

"Meat should be stored in a 40-degree refrigerator for no more than two days," cautions Registered Dietition Julia Dyra. She advises placing meat in the coldest part of the refrigerator, but take care so meat juices don't drip on other foods stored in the refrigerator. "Meat should remain wrapped tightly in the butcher paper."

For longer storage periods, freezing is the best option. Bielunski suggests wrapping a layer of freezer paper or aluminum foil around the original wrapping paper to prevent freezer burn. Proper food storage is essential in preventing contamination and disease, but so is safe food preparation.

Meats should be cooked carefully and slowly to an internal temperature of 140 degrees or higher. "When you cook meat out-of-doors, a lot of people think the hotter the fire, the better... that's not the case," says Bielunski. "Patties and steaks and roasts should be cooked over low to medium heat."

When marinating beef, always marinate under refrigeration. "Never leave the beef cut... be it roast, steaks or kabobs at room temperature to marinate. There are some magazines and cookbooks that promote this, but you have a rapid multiplication of bacteria," Bielunski says.

Clean-up is another important factor when preventing food-related diseases. "I can't stress enough that you must wash hands, wash the utensils and the dishes," says Dyra. She recommends washing dirty dishes in water at least 140 degrees to kill bacteria. Cutting boards should be thoroughly washed with hot, soapy water. After meats are cut, knives and surfaces should be washed before dicing vegetables to prevent cross-contamination.

Dyra and Bielunski recommend these safety steps to help prevent food poisoning:

- Store meats in a 40-degree refrigerator immediately after shopping.
- Freeze meat at zero degrees in aluminum foil or freezer paper.
- Refrigerate leftover meat within two hours after cooking.
- Wash hands, utensils and surface areas with hot, soapy water after meat preparation.
- Cover meats when cooking out-of-doors to protect against flies and other insects.
- Cook meat slowly to an internal temperature of 140 degrees to kill bacteria.

Taking necessary precautions when in the kitchen or shopping for food will result in health and safety for your family. For more information, contact the Beef Industry Council of the Meat Board, 312/467-5520, or your state beef council.

Daughters Of Top Parents Wanted

ALLENTOWN (Lehigh Co.)— Daughter of top index sires and high producing dams are wanted for Ayrshire, Brown Swiss, Holstein and Jersey sales at the 1989 Pennsylvania All-American Dairy Show, September 25-29. Cows and heifers must have exceptional udders and high production potential. Buyers are expected from 30 states and Canada.

The 26th Pennsylvania All-American Dairy Show at the Farm Show Complex in Harrisburg will feature four individual breed sales along with the regular competition among the nation's top dairy cattle.

Ayrshire Sale: Tuesday, September 26th, 1:30 p.m. Contact Milton Brubaker, 595 Snyder Hill Road, Lititz, PA 17543, 717-626-5788; or Ralph Landini, Landini Auction Service, Greenwood, WI 54437, 715-267-7247.

Brown Swiss Sale: Monday, September 25th, 7:00 p.m. Contact Dean and Brenda Daubert, Box 266, McElhattan, PA 17748, 717-769-7324; or Dennis Daubert, Route 2, Box 590, Pine Grove, PA 17963, 717-345-3003.

Holstein Sale: Thursday, September 28th, 4:00 p.m. Contact Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801, 814-234-0364.

Jersey Sale: Wednesday, September 27th, 1:30 p.m. Contact Lester Martin, 3926 Guilford Springs Road, Chambersburg, PA 17201, 717-375-4367; or Mrs. Angie Koontz, Box 3016, District Road, Fredonia, PA 16124, 412-376-2884.

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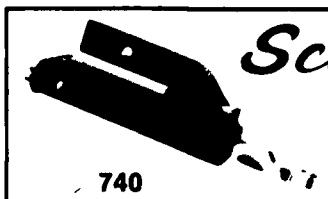

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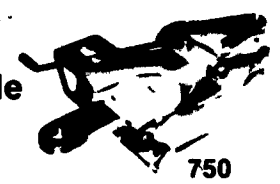

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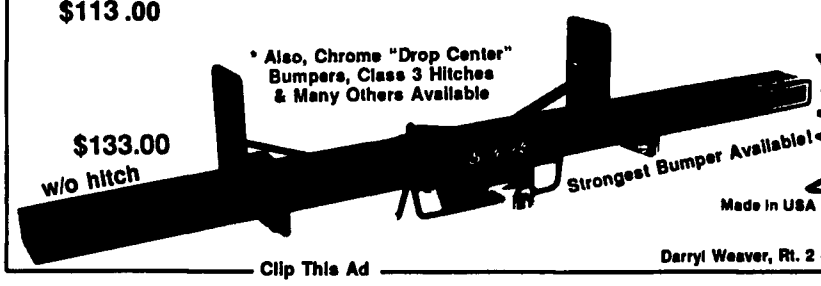

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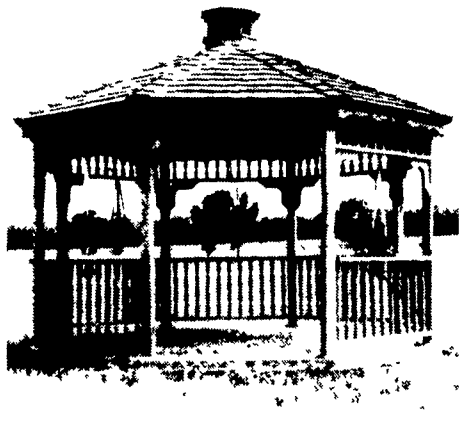

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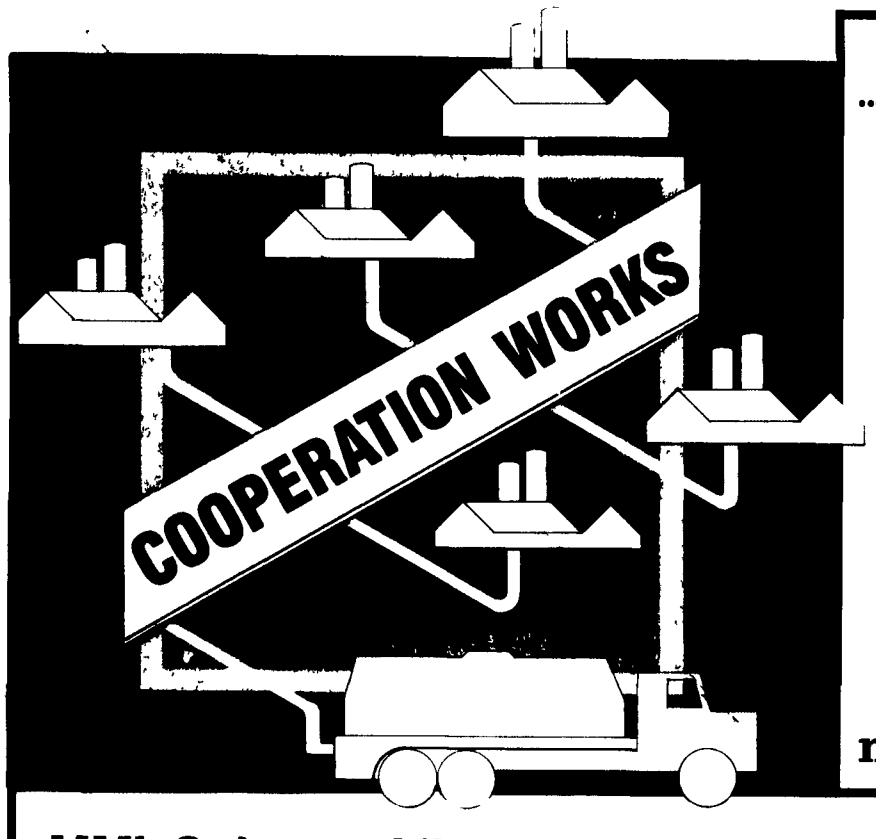

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The colored breed champion in the 4-H dairy show went to the Ayrshire shown by Rachel McCutcheon of Sinking Valley.

Miriam Kelly of Tyrone exhibited the grand champion Holstein in the 4-H show.

Ayrshire Overall Champ In Morrison Cove 4-H Dairy Show

BY LINDA WILLIAMS
Bedford Co. Correspondent

MARTINSBURG (Blair Co.)— Rachel McCutcheon of Sinking Valley 4-H Club took the colored breed champion title with an Ayrshire in the 4-H portion of the Morrison Cove Dairy Show held last week. McCutcheon also took all of the top Ayrshire awards as well.

The Holstein grand champion was owned by Miriam Kelly of Tyrone. Kelly won the award with a five-year-old cow, Spring Lane Meg Mistletoe. John Andrew Foster III was reserve senior champion in the Holstein division with a dry cow.

The Holstein junior champion award went to Eleanor Baker from Fulton County. The reserve junior champion was owned by John Andrew Foster III. Baker is raising her heifer on the Foster farm as a 4-H project.

Tom Greenleaf of Martinsburg was named the senior master fitter, while Beth Anne Clark of Bedford was named Senior Master Showman. Junior awards went to Kristi Morrow of Tyrone and Yvette England, Williamsburg.

Jennifer Brumbaugh took the title for the Brown Swiss division. The Guernsey grand champion was owned by Kristi Morrow and the Jersey Grand Champion belongs to Tom Greenleaf. The Milking Shorthorn award went to Matthew Goshorn of Blairs Mills.

Junior fitter awards went to Mark Baker, Bobbi Bechtel, Aaron Fredrick, and Keith Brumbaugh.

The junior showmen awards went to Matt Thompson, Eleanor Baker, Melissa Sollenberger, David Kocher, and Nicole Over.

Senior fitters were Miriam Kelly, Matt Greenleaf, Matt Black, Melissa Morrow and Beth Anne Clark, and the senior master showmen were Matt Black, Jennifer Fredrick, Jody Clapper, and Melissa Morrow.

In the senior division, Tom Greenleaf of Martinsburg was champion fitter. Beth Anne Clark of Bedford was named champion showman.

Yvette Imgrund, left, of Williamsburg was named the Master Junior Showman of the Morrison Cove 4-H dairy show, while Kristi Morrow of Tyrone was selected as the Master Junior Fitter.

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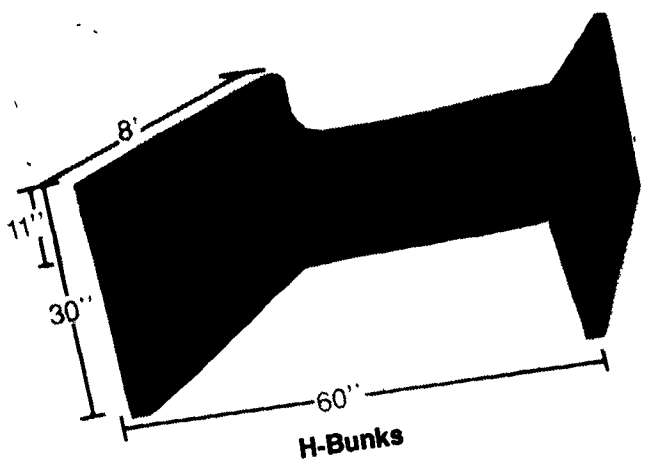

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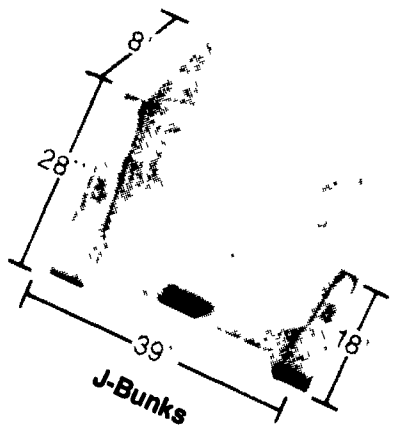

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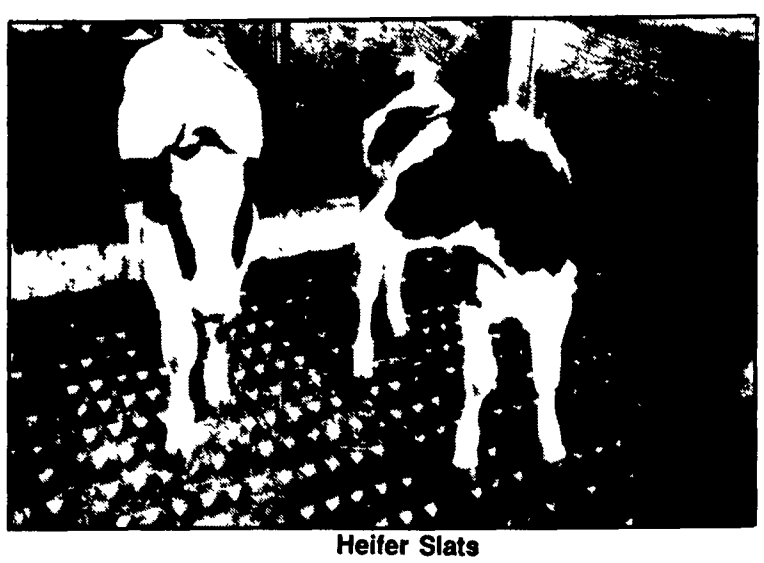

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Globerun Farms Dominates Morrison Cove Holstein Show

BY LINDA WILLIAMS
Bedford Co. Correspondent

MARTINSBURG (Blair Co.)— A three-generation farm family from Petersburg dominated the Open Holstein Show at the Morrison Cove Dairy Show last week.

The John Foster family took the premier breeder and premier exhibitor awards. They also had both the senior and grand champion Holsteins with a two-year-old, Globe Run E. Pete Adeen. The junior Holstein champion also came from Foster's Globerun Farms. It is owned by Eleanor Baker and is being raised there as a 4-H project.

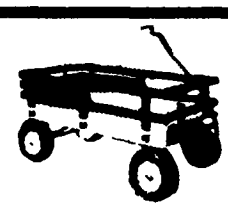
Eugene and June Corl of State College took the reserve grand champion title with a three-year-old Holstein.

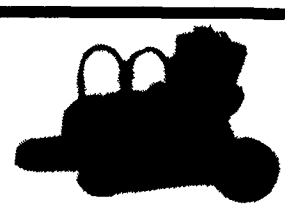
Judge Paul Dann of Akron commented on the excellent quality of the more than 100 Holsteins exhibited by farmers from Bedford, Fulton, Blair, and Huntingdon Counties.

The premier exhibitor and breeding banners in the Morrison Cove open dairy show went to John and Annabelle Foster. Pausing for a photo were, from left, John Foster III, Annabelle and John Foster, John Foster Jr., Alice Foster, and Bedford County Alternate Dairy Princess Penny Clark.

The junior grand champion was shown by John Foster Jr., center, and Eleanor Baker, second from left, had the reserve grand junior champion. With them is John Foster III, at left, Alice Foster, second from right, and Penny Clark, alternate dairy princes, right.

June Corl, left, of State College, showed the reserve grand champion, while Alice Foster, center, had the grand champion. On hand for congratulations was Penny Clark, Bedford County Alternate Dairy Princess.





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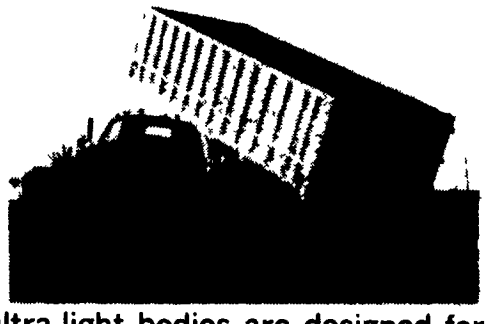

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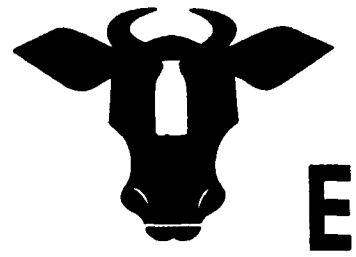

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Brubaker Agronomic Service To Exhibit

LITITZ, (Lancaster Co.) — Brubaker Agronomic Consulting Service, Lititz, independent consultants in the field of agriculture, will be exhibiting at the 21st annual Ag Progress Days, sponsored by Penn State's College of Agriculture, on August 15, 16 and 17, 1989.

B.A.C.S. exhibit will be part of more than $20 million worth of agricultural machinery, equipment and supplies, much of which will be demonstrated during the three-day event.

The exhibit is designed to inform the agricultural community of the various field services offered through the consulting firm, which range from agronomic and vegetable consulting, to turf, manure, and sludge management, and agri-business research. The goal of the company is to help the grower economically increase crop production through the use of today's modern testing procedures, proper and efficient use of fertilizers, weed and pest management, and the proper use of manure.

The theme of Ag Progress Days 1989 is "Improving Your Life Through Education." The theme celebrates the 75th anniversary of cooperative extension in the United States. In addition to the approximately 300 commercial exhibitors at the event, faculty and staff from Penn State's College of Agriculture have prepared exhibits and activities designed to show the diversity and importance of agriculture in Pennsylvania. Some exhibits this year will have a special emphasis on farm and fire safety.

Free bus tours of Penn State's agricultural research areas, where new crop varieties and cultural practices are tested, will also be featured.The "special topics" research tours, which began last year, will be back, too. This year's special topics will include dairy/forage research on August 15, integrated pest management and biological control of pests on August 16, and pollutant-related stresses on plants on August 17. The special topics tours begin at 10 a.m. and 1:45 p.m. each day, while the general research tours run continuously each day.

Ag Progress Days is held annually at Penn State's 1500-acre Rock Springs Agricultural Research center on Route 45, nine miles southwest of State College, Pennsylvania. Ag Progress Days is open from 9 a.m. to 5 p.m. each of the three days. Admission and parking are free.

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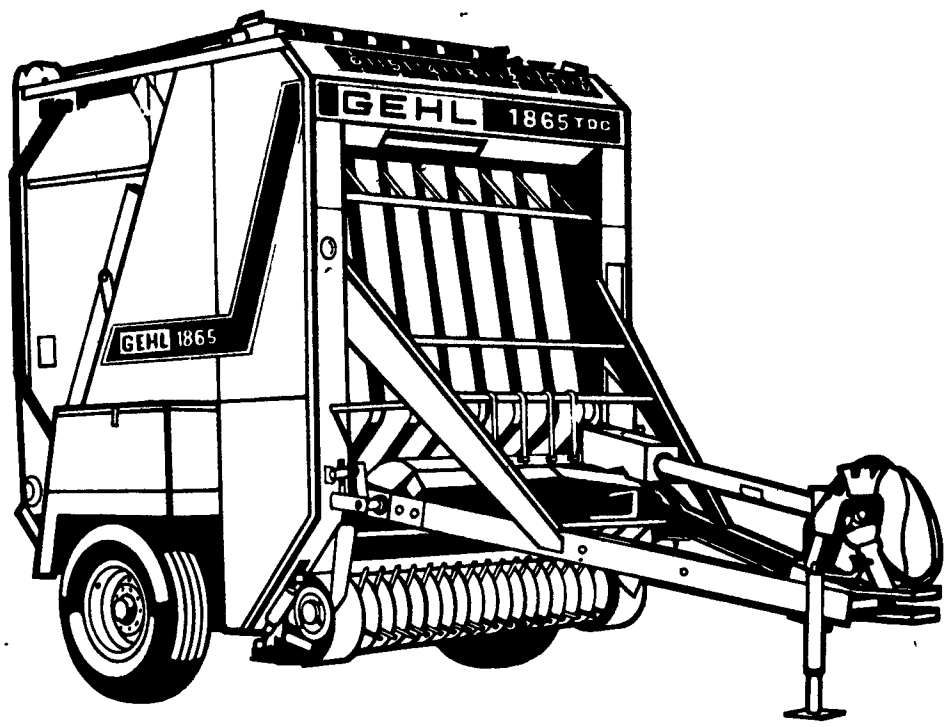

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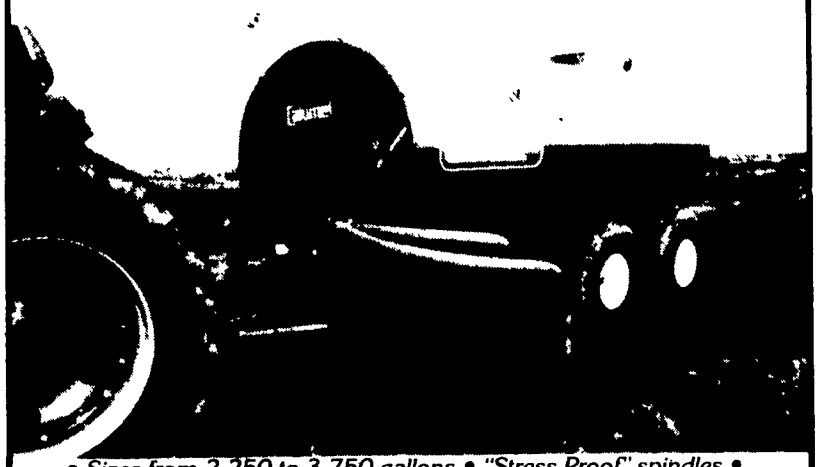

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Youth Exhibit Finest At Morrison Cove FFA Dairy Show

BY LINDA WILLIAMS
Bedford Co. Correspondent

MARTINSBURG (Blair Co.) — Grand champion ribbons were awarded for top dairy cows in the 39th annual FFA division of the Morrison Cove Dairy Show held last week.

Winning top honors in the Holstein division for both the senior and grand champion was Keith Kennedy of Martinsburg with a three-year-old heifer.

The reserve senior and reserve grand champion awards went to Ross Hershberger of Martinsburg who showed a four-year-old heifer.

The Holstein Junior Herd awards went to Ross Hershberger, first; Anissa Kensinger, Petersburg, second; and John Foster III, Petersburg, third.

The top Jersey FFA awards went to David Jenkins of Meyersdale. Jenkins took the senior, reserve senior, grand, and reserve grand champion awards. His four-year-old, Shady Grove Nolars Bess, took the top honors while a two-year-old, Busy Royal Bess, captured the reserve titles.

It was the National Guernsey Princess, Angilique McDonald of Imler, who appropriately walked off with all of the top Guernsey titles. The McDonalds dominated the entire Guernsey show with Angelique's sister, Melissa taking

(Turn to Page D38)

Doug Varner, a Huntingdon County resident, exhibited the grand champion Ayrshire for the second year.

A cow shown by Angie McDonald, the National Guernsey Princess, was selected as the grand champion of Guernsey division.

Robert Fritz of Garrett showed the Brown Swiss grand champion of the FFA dairy show at Morrison Cove fairgrounds.

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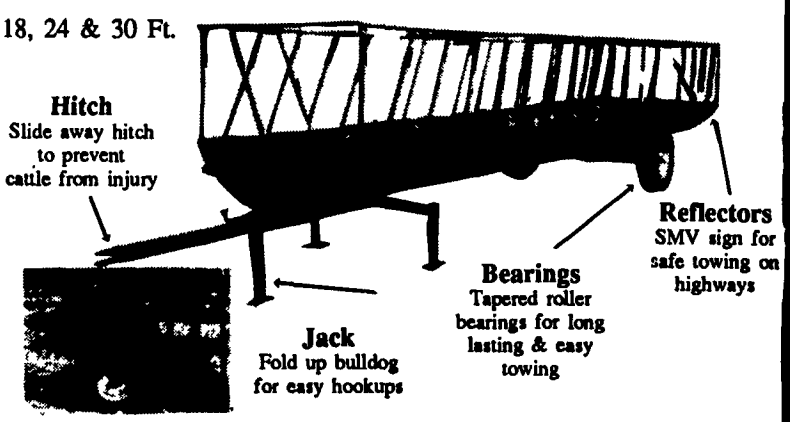
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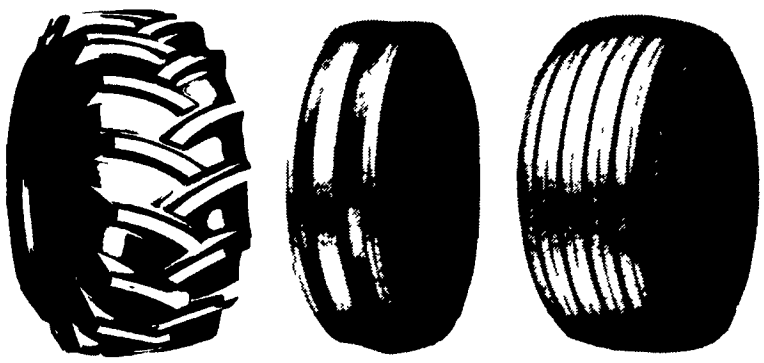

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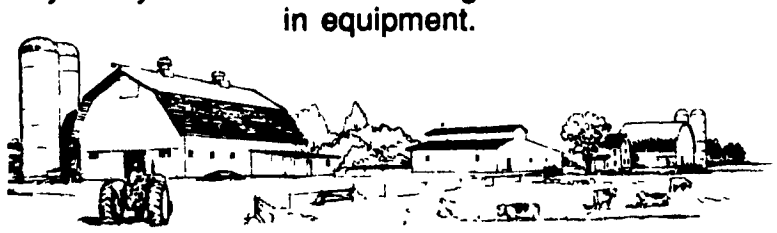

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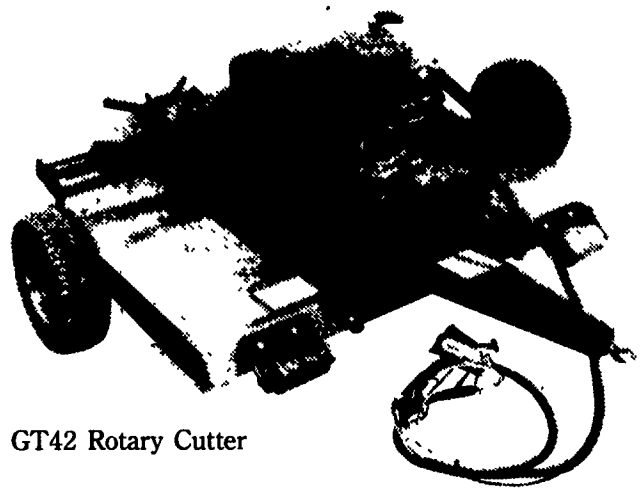

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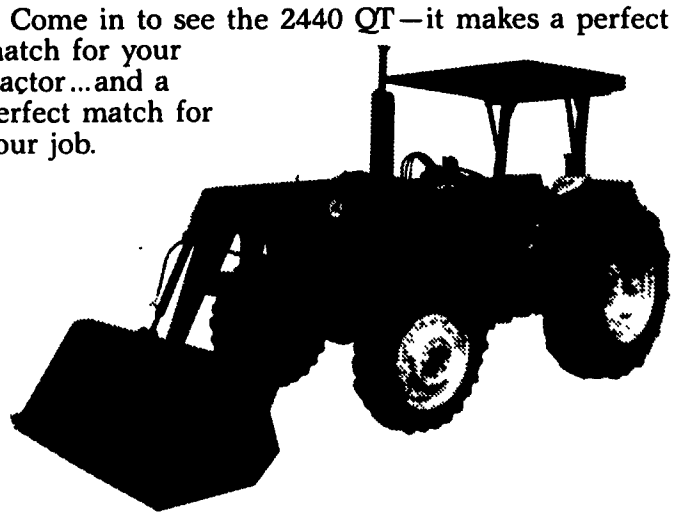

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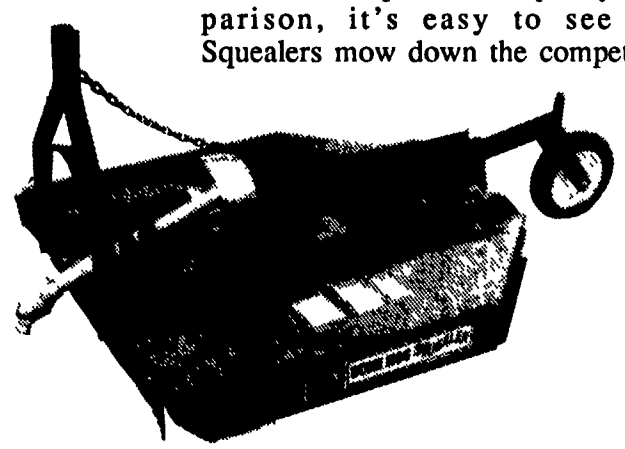

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Ask The Experts About Crops, Soils, Dairy and Livestock

UNIVERSITY PARK (Centre Co.) — "Last year's questions were mostly about the drought and this year we will probably have many questions about too much rain," says Dr. Douglas Beagle, Penn State associate professor of agronomy and coordinator of the Crop and Soil Science Test at Penn State's Ag Progress Days.

"Ask the Experts" is a popular feature in both the Crop Science and Dairy and Livestock tents. Visitors can take their questions directly to faculty and county extension agents in the College of Agriculture and get practical advice on a wide variety of topics.

In the Crop and Soil Science Tent, farmers can find solutions to problems with soil fertility, diseases, insects, corn, forages, small grains, soils and tillage practices. They also will find educational exhibits on nutrient management and brassicas.

Visitors also will see a weed identification display and the near infra-red spectrometry van that will be testing hay samples for the Hay Show and Hay Crop Silage Contest. The state's best hay and silage samples will be on display.

Growers who would like to enter the hay contest are invited to bring samples to the Crop and Soil Science Tent by 10 a.m. on Tuesday, August 15. Judging will take place on Tuesday and Wednesday.

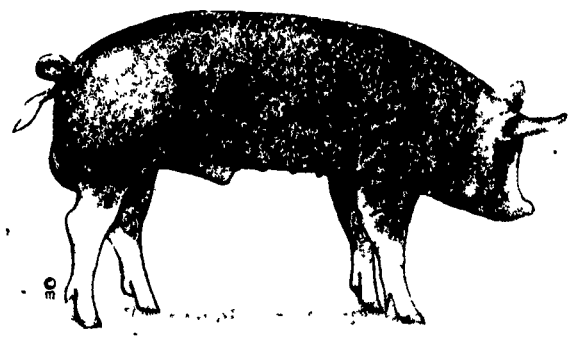
In the Dairy and Livestock Tent, three or four faculty members and graduate students from the departments of dairy and animal science, poultry science and veterinary science will be at the "Ask the Experts" booth to answer visitors' questions throughout the three-day event.

"Because dairy is such a large industry in Pennsylvania, many of our questions relate to dairy, but we also get questions from beef, swine and sheep producers as well," says Ken Kephart, associate professor of animal science and coordinator of the Dairy and Livestock Tent. "Most questions are related to nutrition and feeding and the health of all species. We also get general questions from visitors, such as how often do farmers have to milk their cows and what are the gestation periods for the different species."

The Dairy and Livestock Tent also features commercial, breed association and educational displays. "The commercial exhibits play an important role at Ag Progress Days," says Kephart. "Company representatives come with their latest equipment and are available to answer practical questions about their products and how their products are to be used."

Faculty exhibits include educational displays on beef cattle, swine and 4-H animal projects. Union County Extension Director Guy Temple has developed a display on using newspapers for animal bedding and assistant professor of animal science Dr. Dan Deaver has developed one on the use of experimental products such as bovine growth hormones. Dr. Donald Simmons, head of the department of veterinary science, has prepared a veterinary science quiz that will interest all visitors.

"The blue duikers are always popular and they will be back again this year," says Kephart. Blue duikers are South African antelopes that when fully grown weigh about nine pounds and stand 10 inches tall. Penn State initiated a breeding program some years ago and the offspring are valued for university research.



Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

Youth Exhibit Finest

(Continued from Page D36)

the reserve junior champion title and sister Alica and brother, Galen, both winning blue ribbons.

With few entries, the Brown Swiss division was dominated by Robert Fritz Jr. of Garrett who took all of the top awards.

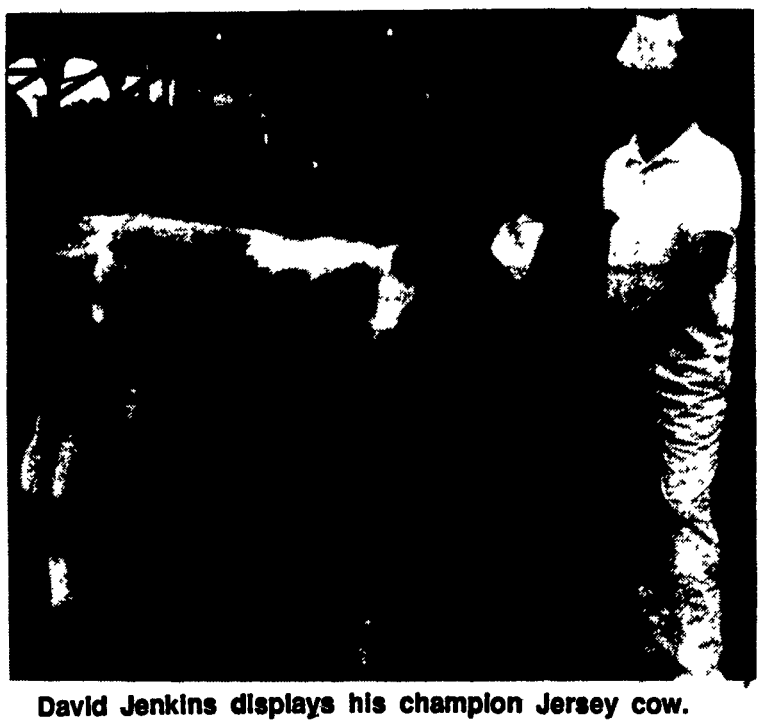
Duane Varner of Shirleysburg, was the reserve senior champion while Dean Varner, his brother, was the owner of the Ayrshire FFA grand champion. Todd Parsons of Blairs Mills had the reserve grand champion Ayrshire.

County fitting awards went to Melissa McDonald, Bedford; Joe Stitt, Blair; and Robert Fritz, Somerset. Fritz was also the grand champion fitter.

Other Master Fitters winning $4 prizes were Kristen Metzker, Tom Greenleaf, James Over, Ross Hershberger, Tammy Kay McTavish, Eric Stine, and Matt Greenleaf.

FFA Master Showmen were: Ross Hershberger, Joe Stitt, Eric Stine, Keith Hay, Keith Kennedy, Robert Fritz, Angie McDonald, Kristen Metzker, John Foster III, and Tom Greenleaf, Hershberger was the Grand Champion Showman.

Thomas Ritchey was the chairman of the FFA show. Judges were Thomas Dum III, Landisburg, type judge; and Thomas Wakefield, showing and fitting judge.



David Jenkins displays his champion Jersey cow.

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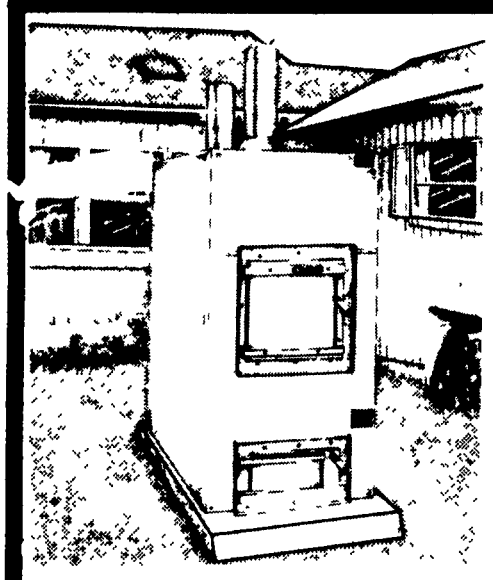

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Sunny Skies Shine On Morrison Cove Dairy Show

BY LINDA WILLIAMS
Bedford Co. Correspondent

MARTINSBURG (Blair Co.)— Sunshine and warmer weather opened the 39th annual Open Colored Breeds Show of the Morrison Cove Dairy Show on Thursday, August 3.

In the Guernsey division, it was Galen McDonald of Imler who emerged with the grand champion, while the reserve grand champion was owned by Kristi Morrow of Tyrone.

Bedford County dominated the three best females class of the Guernsey show with Beth Anne Clark of Misty Meadows Farm placing first and Galen McDonald second.

Kristi Morrow and Alicia McDonald walked away with the first two places in Guernsey Produce of Dam. Alicia McDonald and Melissa McDonald had first and second places in Guernsey daughter/dam and Galen McDonald and Robert Smith were first and second in Guernsey exhibitor's herd.

The Jersey grand champion was owned by Craig and Susan Wicker of Centre Hall with the reserve grand champion Jersey prize going to Rolaine Rand of Everett. The Wickers and the Rands followed suit in the Jersey senior, best three females and in the Jersey produce of dam, as well as the Jersey Exhibitor's Herd.

With only a few entries in the Brown Swiss division of the open show, J. Buck and Associates of East Freedom captured all of the top awards.

Pretty, blond, Rachel McCutcheon took the first place in the Ayrshire Division. A 4-H member from the Sinking Valley 4-H Club in Blair County, McCutcheon also took the colored breed award in the 4-H show with the same cow, a three-year old.

Michele Burkett of Martinsburg was second in the Ayrshire division.

With only one family in the Milking Shorthorn division, the Goshorn family of Blairs Mills took all titles.

The grand champions of the Morrison Cove colored breed dairy show gathered at for a picture. They are, from left, Galen McDonald, Guernsey champion; Rachel McCutcheon, Ayrshire champion; the Jersey champion owned by Susan Wicker; J. Buck, Brown Swiss champion; and Matt Goshen, Milking Shorthorn champion.

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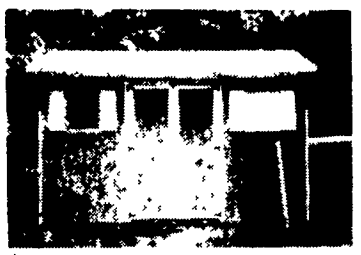

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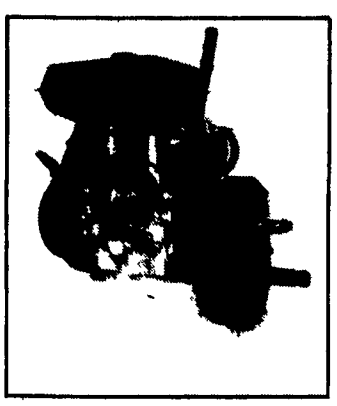

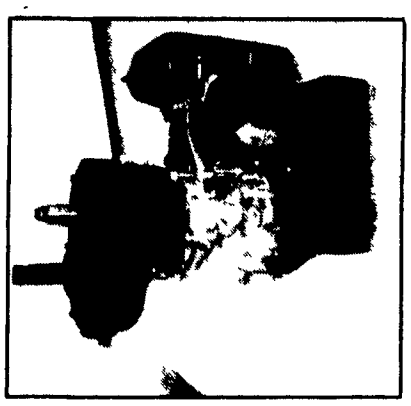

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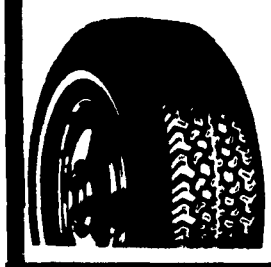

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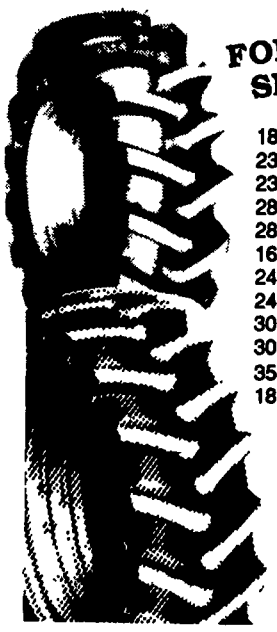

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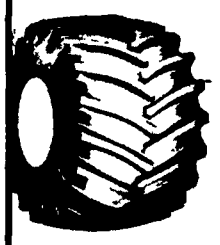

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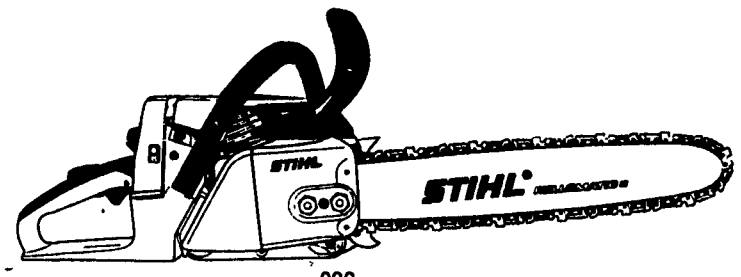

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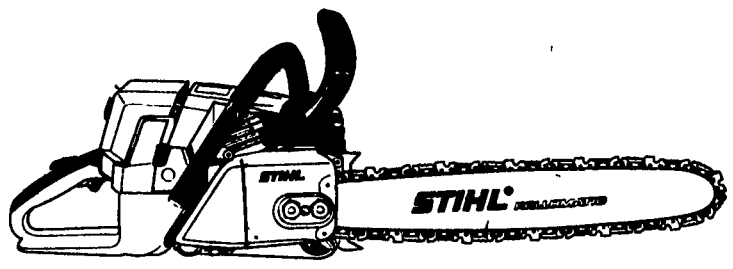

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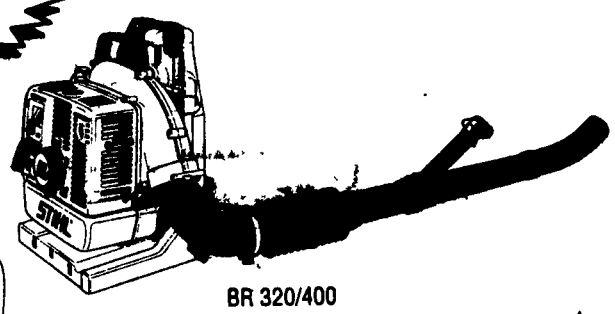
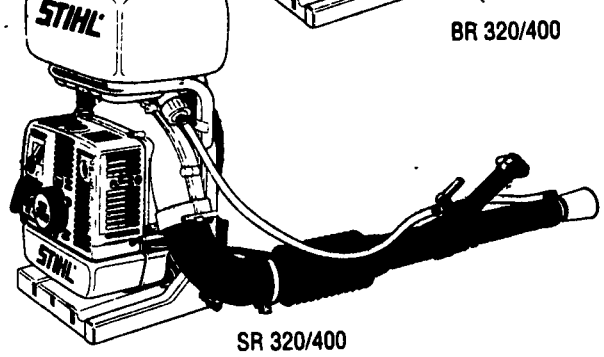


BR 320/400



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Plowing Contests Featured In York County

MANCHESTER (York Co.)—Visitors to "Old Tyme Days" here Aug. 24-27 will be able to view precision plowing in state, national and antique plowing contests.

The 5th annual Old Tyme Days will be at the 85-acre Blaine Rentzel farm on Rte. 181 one mile north of Manchester, Pa. The event is hosted by the South Central Penn Historic Lifestyle and Power Society.

National precision plowing competition, sponsored annually by Goodyear, is held by the U.S.A. Plowing Organization (USAPO). Goodyear also sponsored the 1988 world plowing contest at the World Ag Expo in Amana, Iowa.

Up to 40 national contestants are expected at this year's national competition at Old Tyme Days, according to USAPO President Monroe Miller of Kalona, Iowa. For many, it's a family affair -- for all, it's a time of friendship: "I've plowed in a lot of states and made a lot of friends," Miller said. "If it weren't for the friendships, we'd probably get out of it."

Local plowing competition begins Thursday, Aug. 24, with the York County contest at 9:30 a.m. Pennsylvania's state and antique contests are at 11:30 a.m. and 2:30 p.m., respectively.

National competition is for small (two- and three-bottom) and large (four-bottom and up) plows. Scores are based on the opening split, furrow straightness, trash coverage (plowing under of grass or stubble), closing furrow and other criteria. Maximum point total is 200.

The national small plow contest will be Friday, Aug. 25, at 9 a.m. The national large plow is at 12:30 p.m. National awards will be distributed at 3 p.m.

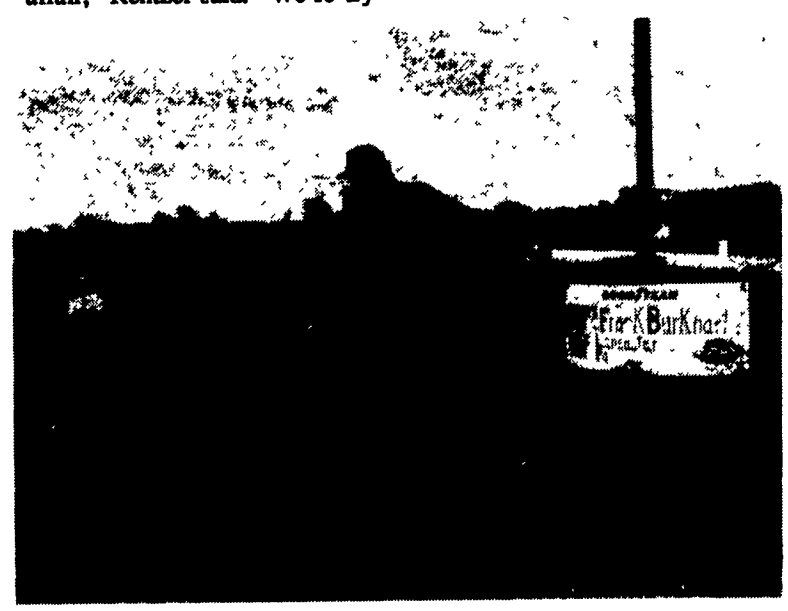
Friday is also Grangers Day and the 116th Great Grangers Picnic, according to Bob Rentzel, president of the South Central Penn Historic Lifestyle and Power Society.

National antique plowing will be at 10 a.m. Saturday, with awards given at 2 p.m.

The two winners of the national small and large plow will represent the United States at 1990 world competition in the Netherlands.

Competing for the U.S. at the 1989 world contest Sept. 29 and 30 in Kleppe, Norway, are Steve Buir of Odell, Ill., and Gary Goettemoeller of Versailles, Ohio. Both were 1988 U.S. national winners at Amana, Iowa.

Old Tyme Days is "family affair," Rentzel said. "We're trying to get back to the way the old-time county fairs used to be, Our orientation is toward the family; there will be all sorts of arts and crafts exhibits, a petting zoo, entertainment, and of course, all the good food we're famous for."



Frank Burkhart, Lancaster plowman, at work in the 1988 National Plowing Contest held in Amana, Iowa.

Matches Dramatize Achievements

Plowing matches have helped dramatize agriculture achievements for more,than two centuries. The first contests, known as plowing competitions, date back to the 1700s in the British Isles. During the next 200 years plowing contests spread to many other parts of the world from Austria to Zimbabwe. In addition to emphasizing plowing skills and mechanical progress, better land use has been encouraged through the medium of plowing events.

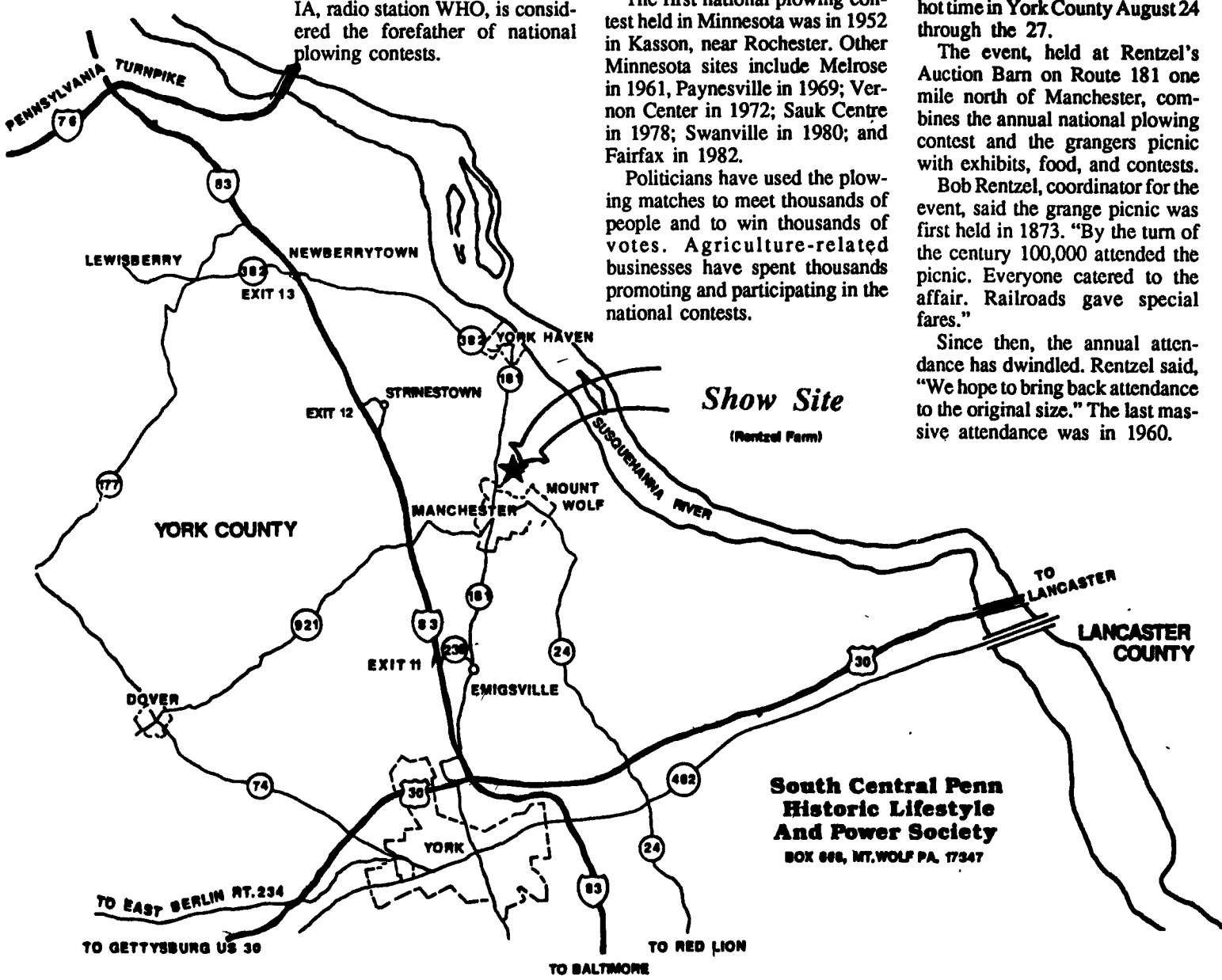
State plowing contests in the United States date back to 1902 in Iowa, however, it wasn't until 1939 that the idea of interstate plowing competition began to develop. Herbert Plambeck, former farm director of Des Moines, IA, radio station WHO, is considered the forefather of national plowing contests.

World War II brought national plowing contests to a halt between 1942 and 1945.

In 1946, however, the national plowing contests resumed and received national attention when 8,000 visited the Iowa Plowville site in Pleasantville, IA. The following year 50,000 turned out to watch champion plowmen compete in the national contest at Dexter, IA.

The first national plowing contest held in Minnesota was in 1952 in Kasson, near Rochester. Other Minnesota sites include Melrose in 1961, Paynesville in 1969; Vernon Center in 1972; Sauk Centre in 1978; Swanville in 1980; and Fairfax in 1982.

Politicians have used the plowing matches to meet thousands of people and to win thousands of votes. Agriculture-related businesses have spent thousands promoting and participating in the national contests.



Enjoy Olde Time Days '89

BY LOU ANN GOOD

MANCHESTER (York Co.) — Olde Tyme Days promises to be a hot time in York County August 24 through the 27.

The event, held at Rentzel's Auction Barn on Route 181 one mile north of Manchester, combines the annual national plowing contest and the grangers picnic with exhibits, food, and contests.

Bob Rentzel, coordinator for the event, said the grange picnic was first held in 1873. "By the turn of the century 100,000 attended the picnic. Everyone catered to the affair. Railroads gave special fares."

Since then, the annual attendance has dwindled. Rentzel said, "We hope to bring back attendance to the original size." The last massive attendance was in 1960.

This year, Rentzel and his organization called South Central Penn Historic Lifestyle and Power Society hope to see 10,000 in attendance.

Through the organizations planning, the grangers and the plowmen have combined efforts to produce a spectular schedule of events.

In addition to plowing competition and horse pulling, there will be modern military and reenactment groups. Native craftsmen and a flea market will offer their wares to those interested in shopping.

Visitors can enjoy dail diplays by the Circus Model Builder of PA (miniature replicas of old time circuses); gasoline engines, domestic shore machines, Civil War cannon firing, horse and steam equipment, and antique vehicles and tractors.

Visitors can participate in pedal tractor activities, horse drawn hay rides, Indian dancing and other forms of dancing, performing arts, youth games and children's storytime.

Admission is $2 donation with children under 10 admitted free. Flea market spaces are available for a fee.

MAJOR EVENTS SCHEDULED

Thursday, August 24

9:30 a.m. York Co. plowing competition-Farm #2

10:00 a.m. Multi-horse hitch and walking plow competition-Farm 3.

11:30 a.m. PA state plowing competion-Farm #2

(Turn to Page E6)

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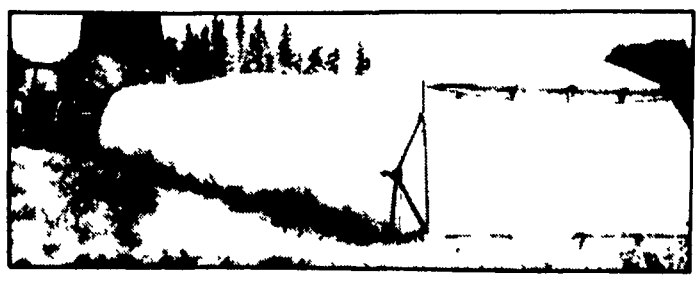

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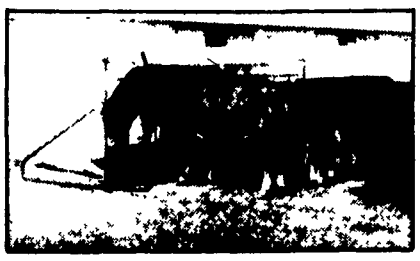

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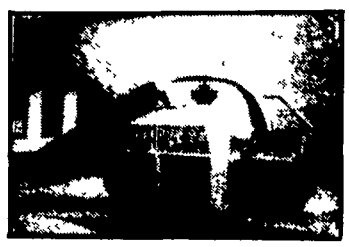

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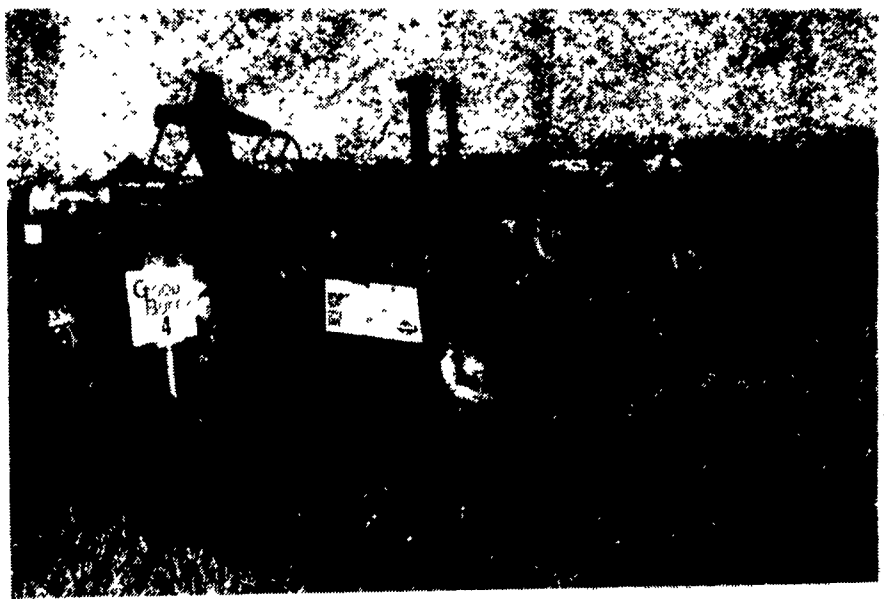
Scenes From 1988 National Contest In Amana, Iowa



History Of The U.S Plowing Matches

Plowing matches have been a part of the American farm scene for more than a century. Reports in farm journals tell of competition with oxen-drawn plows long before the Civil War. Contests were first held in Ohio, Illinois and other central states in the late 1800's. In Iowa, several communities started to feature plowing matches in the early 1900's. Inspired by farm immigrants from England and Scotland, where plowing competitions have been held for 200 years or more, the contests in this country were generally local in nature and appeal, usually held in connection with a county fair, harvest festival, or other community event.

Not until 1938 was the possibility of regional or national competition considered, when Herb Plambeck of radio station WHO Des Moines, Iowa, proposed the idea. The first national contest was then held at Mitchellville, Iowa, in 1939. The first national contest held outside of the state of Iowa was in 1950 at Urbana, Ohio.

The largest of all the plowing matches held in the United States to date was the event in Ohio in 1957 when the fifth annual World Plowing Contest was held near Peebles, along with the U.S. National contests. The five-day event was attended by over a quarter of a million people from throughout the United States and Canada. Many others came from overseas. National champion plowmen from some 15 foreign lands vied for the Golden Plough, most coveted of all plowing trophies.

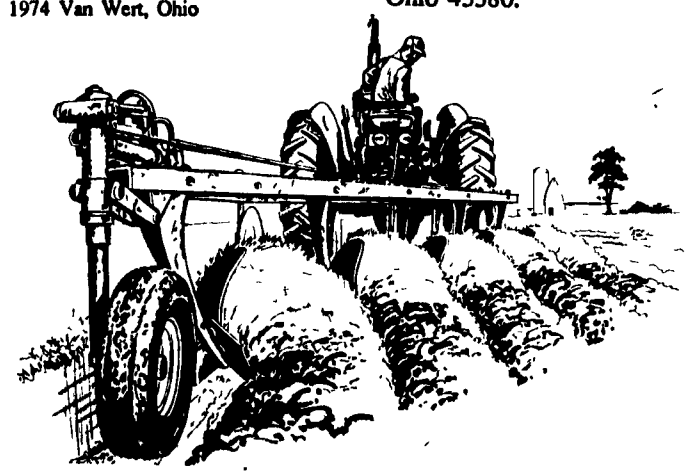
Many organizations have served as sponsors or co-sponsors of the U.S. National matches. The Central Broadcasting Company sponsored the first several. Later, numerous county and state Soil Conservation District Associations joined the broadcasting firm in the venture. In 1949, the Des Moines Register and Tribune co-sponsored the event and in 1950, when Urbana, Ohio was host, the National Association of Soil Conservation Districts was participating and continued until 1958 when eight plowmen and interested officials were elected to a rules committee to set up the first National Plowing Association, which was later set up in 1960.

Since we need a national sponsoring organization for our champions to be eligible to compete in the world Ploughing Contests and the NASCD could no longer do it, we needed to do something. The National Plowing Association was then incorporated under the Statutes of Minnesota on March 28, 1963, as the U.S.A. Plowing Organization, a non-profit corporation, this was the birth of the organization that we have today.

National Plowing Match sites over the year's have been near the following cities in the United States.

1939 Mitchellville, Iowa
1940 Boone, Iowa
1941 Albia, Iowa
1942 No contest (World War II)
1943 No contest (World War II)
1944 No contest (World War II)
1945 Grimes, Iowa
1946 Pleasantville, Iowa
1947 Ellsworth, Iowa
1948 Dexter, Iowa
1949 Runnells, Iowa
1950 Urbana, Ohio
1951 Bethany, Missouri
1952 Kasson, Minn.
1953 Augusta, Wis.
1954 Olney, Ill.
1955 Wabash, Ind.
1956 Colfax, Iowa
1957 Peebles, Ohio
1958 Hershey, Penn.
1959 No contest
1960 Sioux Falls, S. Dak.
1961 Melrose, Minn.
1962 Wilmington, Ohio
1963 Vandalia, Ill.
1964 Buffalo, N. Dak.
1965 Waseca, Minn.
1966 Jefferson, Iowa
1967 No contest
1968 Hershey, Penn.
1969 Paynesville, Minn.
1970 Versailles, Ohio
1971 Odell, Ill.
1972 Vernon Center, Minn.
1973 Sauk Center, Minn.
1974 Van Wert, Ohio
1975 Olivia. Minn.
1976 State College, Penn.
1977 El Paso, Ill.
1978 Van Wert, Ohio
1979 Marshalltown, Iowa
1980 Swanville, Minn.
1981 Van Wert, Ohio
1982 Fairfax, Minn.
1983 York, Penna.
1984 Sioux Falls, S. Dak.
1985 Dwight, Ill.
1986 St. Cloud, Minn.
1987 London, Ohio
1988 Amana, Iowa
1989 York County, Penna.

Wm. A. Goettemoeller, Sec-y-Treas., U.S.A. Plowing Organization, 7559 Burns Rd., Versailles, Ohio 45380.



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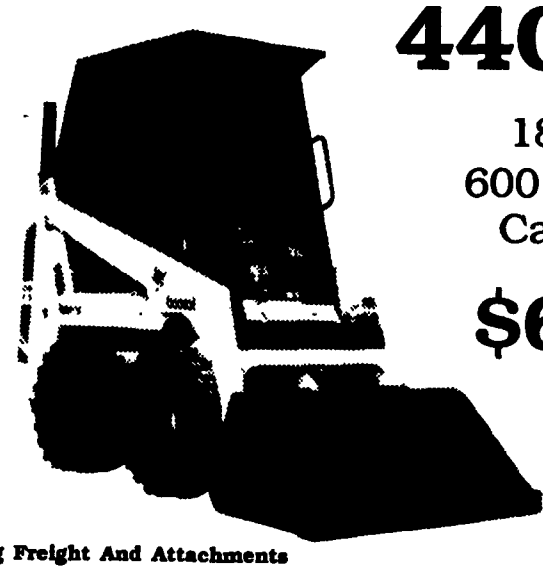

18 H.P.
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History Of PA Grange Picnic

One of the important services that Robert H. Thomas, the first secretary of the Pennsylvania State Grange, rendered to the organization was the pioneering work he did in establishing and conducting the annual Grange Picnic and Encampment at Williams Grove, located on the banks of the Yellow Breeches Creek, about six miles south of Mechanicsburg, in Cumberland County. The first of these picnics was held in 1874, a year after the organization of the Pennsylvania State Grange at Reading.

Originally this picnic was commonly referred to as the Tri-State Grange Picnic, because the attendance was largely recruited from Pennsylvania, New Jersey, and West Virginia. As time went by, and as the crowds grew in size from year to year, it was called the Great Grangers Interstate Picnic and Exhibition. It developed into a large fair, with many commercial, industrial, and agricultural exhibits.

Hundreds of Grange families from Pennsylvania and other States attended this picnic every year, camping on the grounds and staying for an entire week.

At the height of its career, the picnic often attracted 100,000 people during the week, and on "big days" from 50,000 to 60,000 people were present.

Entertainment features included parades, band concerts, travel lectures, and similar attractions. There was a large auditorium on the grounds, and this made it possible for the leaders of the State Grange, together with prominent visiting members of the Order from other States, to spread the Grange gospel.

Usually the governor of Pennsylvania would attend and make an address. Many persons prominent in the affairs of State and Nation spoke from the platform at Williams Grove during the progress of the years. Spokesmen for political parties, suffrage and peace workers, temperance leaders, and others from various walks of life were invited to speak at the picnic. That militant foe of the liquor traffic, Carrie Nation, of Kansas, spoke there. So did Dr. Anna Howard Shaw, minister and physician, who was the first woman licensed to preach by the Methodist Church in the United States. She was president of the National American Woman's Suffrage Association from 1904 to 1915, being succeeded by Mrs. Carrie Chapman Catt. Senator Boies Penrose, of Pennsylvania, also spoke at Williams Grove, as did Senator Robert La Follette, Sr., of Wisconsin. Wednesday was Democratic Day at the Picnic, while Thursday was Republican Day.

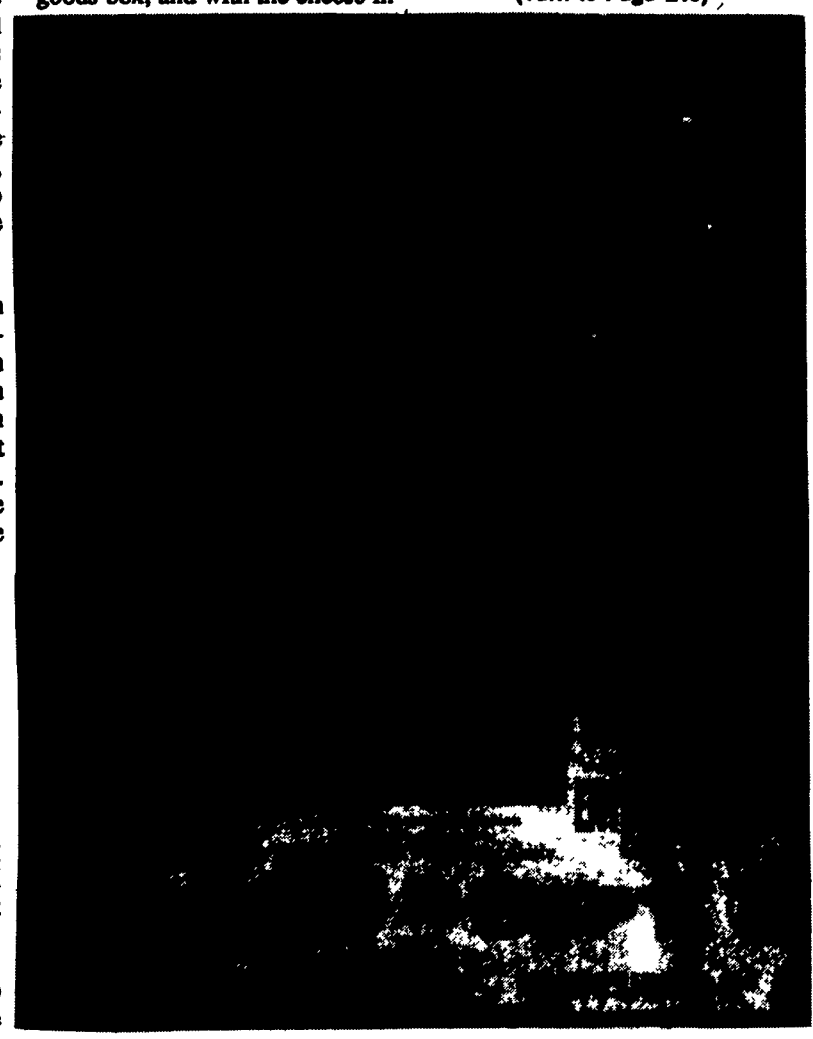
In 1894 Oliver Hudson Kelley delivered an address at Williams Grove. He briefly sketched the early growth of the Grange and gave an account of what he was pleased to term the "first Grange picnic." After reciting the experiences that befell him from the time he left Washington on April 3, 1868, on his memorable trip to Minnesota, he led up to the "Grange picnic" in this manner:

"My aim had been to reach Prairie-du-Chien in time to connect with a river steamer on which I had a pass to St. Paul. The train was on time and arrived at seven a.m., when I learned that the boat would not be up until three p.m. There was a broken link in the chain—I may say a crisis in the course of human events.

"I was hungry and it was evident that the secretary of the National Grange must have breakfast. I examined the treasury and found the total cash assets to amount to twenty cents. This sum judiciously expended might sustain life until three p.m. There were no 20,000 Patrons feasting for a week in Williams Grove. I was solitary and alone. I went uptown and bought ten cents worth of crackers and ten cents worth of cheese. At one fell swoop I had swamped the treasury of the National Grange.

"I then went down to the river landing, seated myself pn a dry-goods box, and with the cheese in one coat pocket and the crackers in the other, there on the shore of

(Turn to Page E10)



Here's a copy of an old poster from 1928

Major Events Scheduled

(Continued from Page E2)

12:00 noon, Farm safety demonstrations P.S.U.-Central area.

12:30 p.m. Threshing demonstrations-Central area.

2:00 p.m. PA state plowing competition (antique class)-Farm 2

2:30 p.m. Shingle mill operation-Central area

3:00 p.m. Hammer Mill operation-Central area

4:00 p.m. PA state plowing awards ceremony-Outdoor stage

4:30 p.m. Farm safety demonstrations PSU-Central area

5:00 p.m. Shingle Mill operation-Central area

5:30 p.m. Hammer Mill operation

7:00 p.m. National Plowmen's banquet (off site)

Friday, August 25
National Grangers Day

10:00 a.m. USA National plowing competition (small plow)-Farm 2.

11:00 a.m. Wally Wouman Show-Outdoor stage

11:30 a.m. Farm safety demonstrations-Central area

12:00 noon USA National Plowing competition (large plow)-Farm #2.

1:00 p.m. Children's story time-Indoor stage

1:30 p.m. Threshing demonstrations/straw baling

2:00 p.m. Shingle Mill operations-Central area

3:00 p.m. National plowing contest awards ceremony-Outdoor stage

3:30 p.m. Wally Wooman Show-Outdoor stage

4:00 p.m. Hammer Mill operation-Central area

4:30 p.m. Equipment parade-Central area

5:30 p.m. Karate exhibition (Bob's Iron Fist Society)-Indoor stage

6:00 p.m. Threshing demonstrations-Central area

6:30 p.m. Shingle Mill operation-Central area

7:00 p.m. The Brumbaugh Family of Williamsburg (country, gospel, banjo specials)-Outdoor stage.

10:00 p.m. Show closes for the day.

Saturday, August 26

10:00 a.m. National Plowing Contest competition (antique class)-Farm #1.

10:30 a.m. - Shingle Mill operation

11:00 a.m. Horse drawn walking plwo exhibitions-Farm #1.

11:30 a.m. Hammer Mill operations-Central area

11:45 a.m. Farm Safety demonstrations PSU-Central area

12:00 noon Wally Wooman Show-Outdoor stage

12:15 p.m. Threshing demonstration/straw baling-Central area.

12:30 p.m. Emigville Band begins-Outdoor stage

12:45 p.m. Shingle Mill operation-Central area

1:00 p.m. Children's story time-Indoor stage

1:30 p.m. Farm safety demonstrations PSU-Central area

2:00 p.m. National plowing contest awards (antique class) Outdoor stage.

2:30 p.m. Early era fashion show-Indoor stage

3:00 p.m. horse plowing demonstrations-Farm #1

3:30 p.m. Shingle Mill operation-Central area

4:00 p.m. Wally Wooman Show-Outdoor stage

4:30 p.m. Equipment parade-Central area

5:00 p.m. Modern dance exhibition-Indoor stage

6:00 p.m. Bale wrestling and racing for kids-Central area

7:00 p.m. Ernie Bradley Show-Outdoor stage

10:00 Show ends

Sunday, August 27

10:00 a.m. Olde Tyme worship service-Outdoor stage

12:00 noon Sunday dinner Central area

12:30 p.m. Wally Wooman Show-Outdoor stage

12:45 p.m. Threshing demonstration-Central area

1:00 p.m. horse pulling contest-Central area

1:15 p.m. Hammer Mill demonstrations-Central area

1:30 p.m. Farm safety demonstration-Central area

1:45 p.m. Shingle Mill operation-Central area

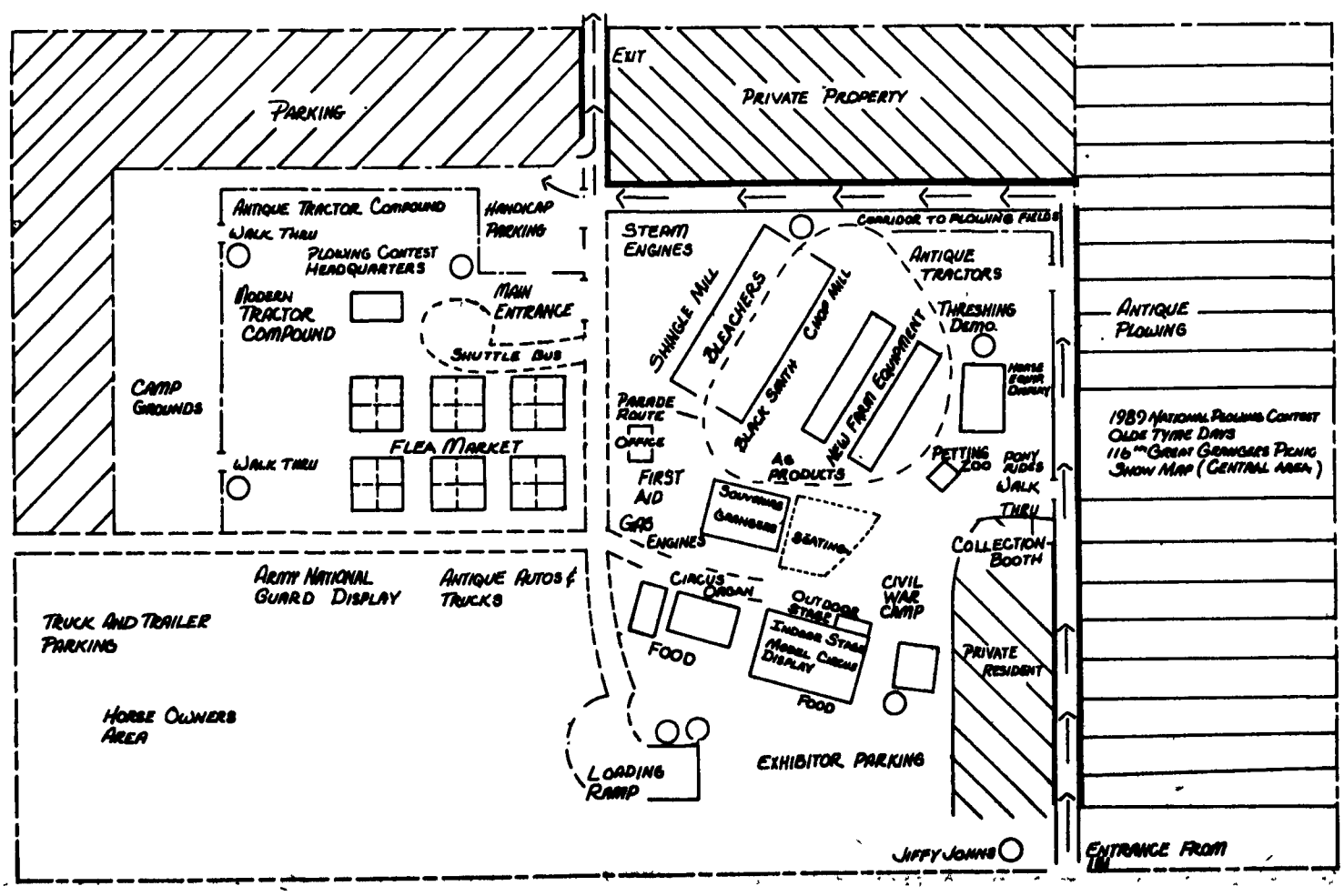
2:00 p.m. Childrens crafts-Indoor stage

2:30 p.m. Children and youth games-Central area

4:00 p.m. Raffle drawing and awards-Outdoor stage

6:00 p.m. Show ends.

Plot Layout For Olde Tyme Days '89



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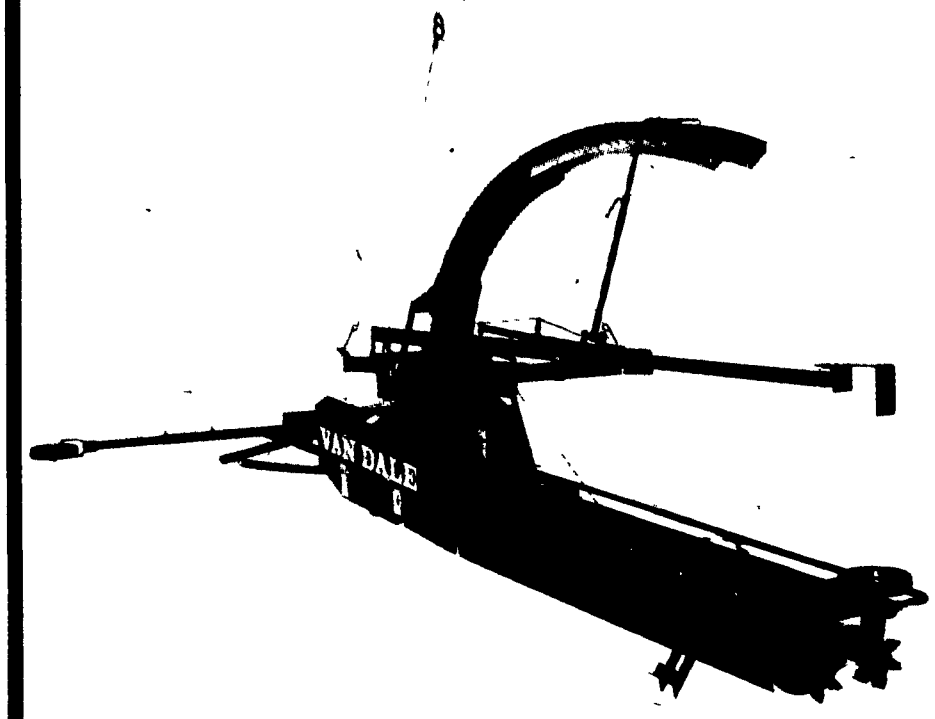

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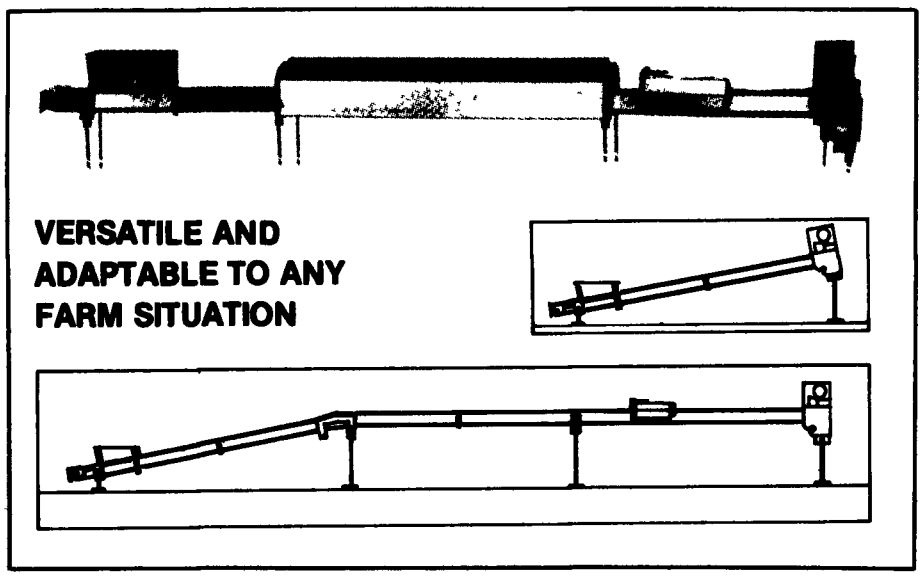

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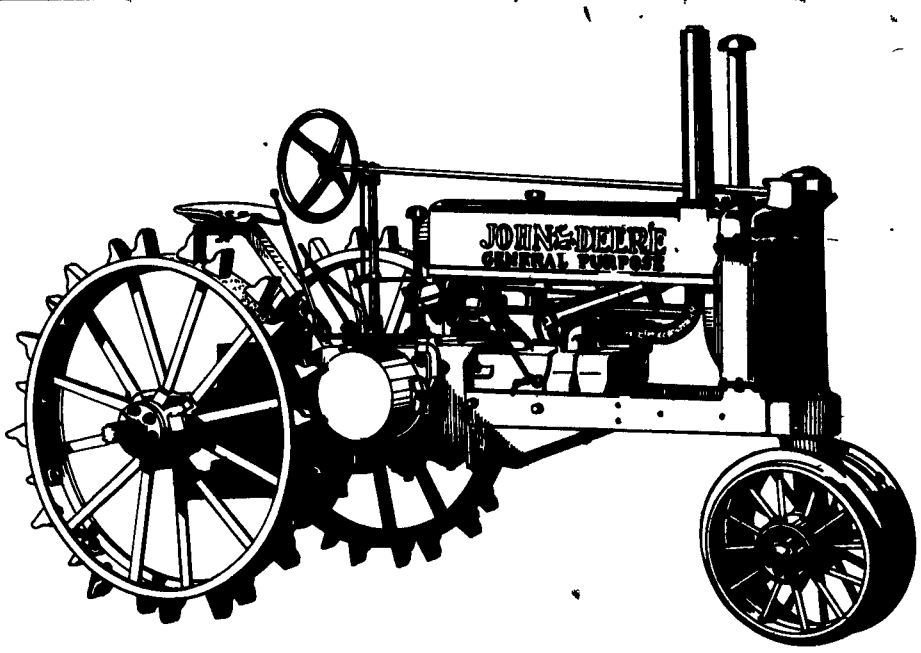

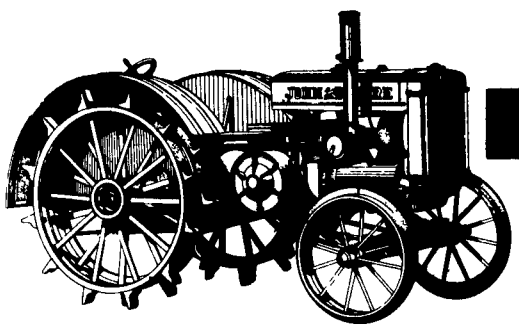

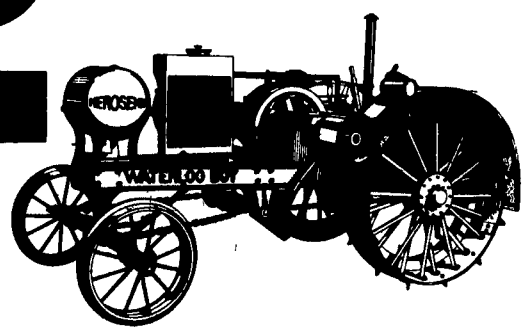

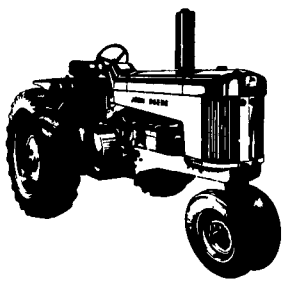

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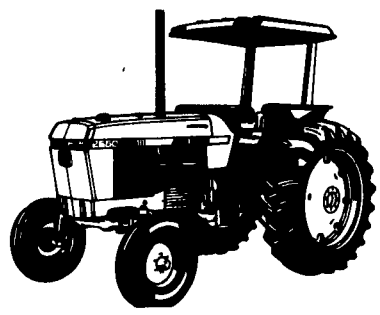

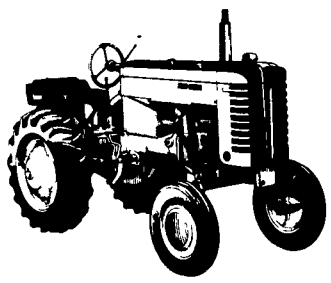

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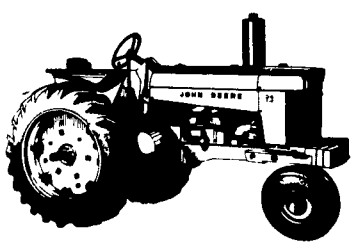

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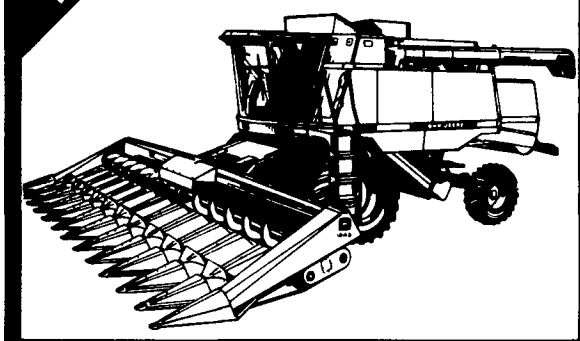

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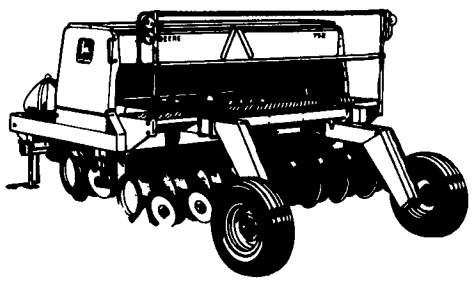

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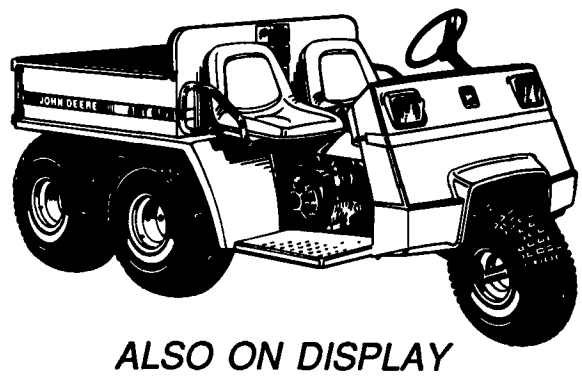

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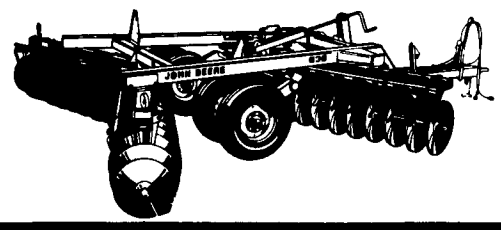

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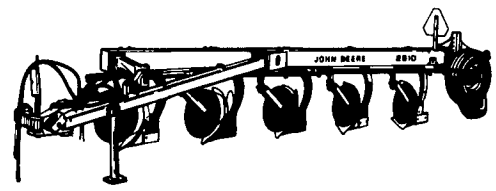

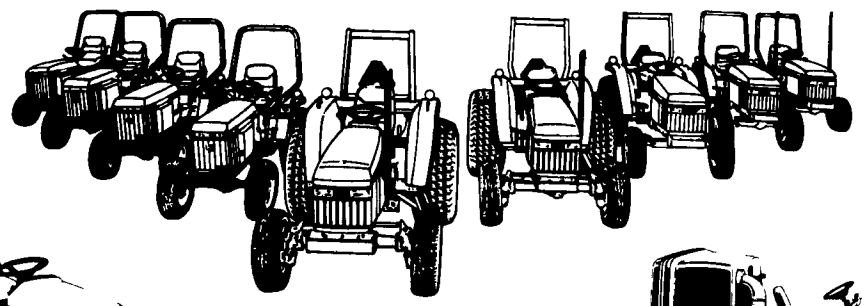

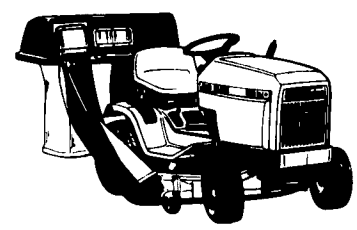

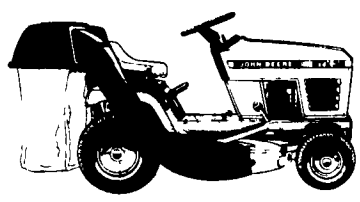

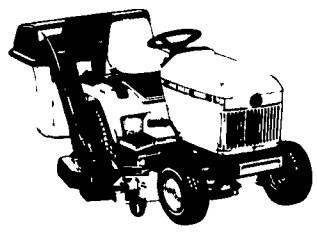

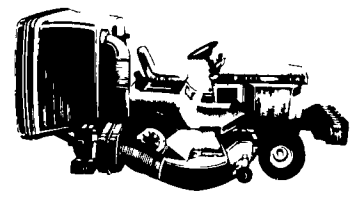

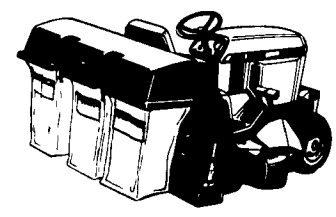

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History Of PA Grange Picnic

(Continued from Page E6)

the majestic Mississippi, I enjoyed the first Grange picnic of which there is any record.

"I had with me a copy of P.T. Barnum's Life, and in its pages a feast of mind for dessert. In that I read, if one would stick to any enterprise for five years, the foundation for success has been laid, and continued perseverence will bring its reward. I had traveled over 1,000 miles, and a month had passed. Before me were four years and eleven months to come up to Barnum's time. It may be amusing now on the summit of success to look back and laugh at those days, but I assure you I saw nothing funny in it at the time."

Further sketching the development of the Grange movement in his address, Mr. Kelley gave the following impressive facts:

"The first year we organized ten Subordinate Granges; the second year, one State Grange and thirty-eight Subordinate Granges; the third year, two State Granges and forty-one Subordinates; the fourth year, three State Granges and 123 Subordinates; the fifth year, seven State Granges and 1,120 Subordinates. Then success was assured, and we permanently organized the National Grange, following which came a growth unequalled by any association in history. In the sixth year we issued 8,670 charters, an average of twenty-four each day in the year. In the seventh year we issued 14,030 charters, an average of thirty-nine each day, and two days are on record when we received each day 165 applications."

Referring to the financial affairs of the Grange, Mr. Kelley said:

"Of the hundreds of thousands of dollars received in my office during the twelve years that I was National Secretary, every dollar was in charge of Miss Carrie Hall, my assistant and cashier. To her and not to myself is due the credit for its safe deposit in the fiscal agency.

"Of all the sums due and transmitted through all the State and national treasuries to the fiscal agency in New York, there is no instance where a dollar has ever gone astray, and no financial scandal has ever smirched our Order."

In concluding his address, Father Kelley declared:

"The Masonic Order, of which I recognize many members present, claims to date its origin back to the building of Solomon's Temple. As the Patrons of Husbandry is purely a farmers' organization, I think we may well let the Subordinate Granges date back to 1775, when the farmers rallied at Lexington and helped to lay the foundations for this Republic, which we aim to perpetuate. Let the figures 1775 be inscribed upon the walls of every Grange hall, and have the Stars and Stripes festooned there. Our Order has been and always will be in the lead in the support of law and order; and if the red flag of anarchy is ever unfurled in this country and the Government calls for aid, I pledge my word that the descendants of the patriots of '75 — Brothers — and Sisters if need be — will rally to the call."

Governor Woodrow Wilson opened his formal campaign for the presidency at Williams Grove in 1912. William T. Creasy, master of the State Grange, and John A. Smith, secretary of the Cumberland County Pomona Grange, were members of the committee appointed to meet Mr. Wilson at Harrisburg and escort him to the grove. The candidate was introduced to the crowd of 30,000 by A. Mitchell Palmer, a prominent member of Congress from Pennsylvania, who later became Attorney General in the Cabinet of Mr. Wilson.

During the course of his address, Mr. Wilson discussed the need of tariff reform and a better system of credit for agriculture. Speaking directly to this large group of farm people, Governor Wilson said:

"It is a happy circumstance that the pure air of the countryside is beginning to blow through our affairs, that by many means of quick and easy transportation the farm is being made neighbor to the city, and that the calm thought of the unheeded fields, the thought of men in little hamlets and remote homesteads, is becoming part of the thought of the Nation as never before.

"We shall be a happy people only when we are a united people, when class is not set against class, when no man seeks any privilege except the privilege of common service."

Theodore Roosevelt, who was the candidate of the Progressive Party for the presidency in 1912, was invited to speak at Williams Grove. However, he had previously mapped out an extensive itinerary and was compelled to send his regrets.

Colonel Robert H. Thomas, who established the Williams Grove Picnic and managed it successfully for more than thirty years, died on January 3, 1908, after which it was continued under the direction of his son, R.H. Thomas, Jr., who was assisted by his son, Robert H. Thomas III. The last year in which the picnic was conducted by the Thomas family was 1916. With the coming of 1917, the United States had entered World War I, and the exigencies of the times made it necessary to temporarily discontinue the event.

Williams Grove today is in other hands, but it is still a popular place for summer outings.

What is now known as the Grange Encampment and Centre County Fair, which is annually staged at Centre Hall during the week before Labor Day had its beginnings in 1874, the same year in which the first Grange picnic at Williams Grove was held.

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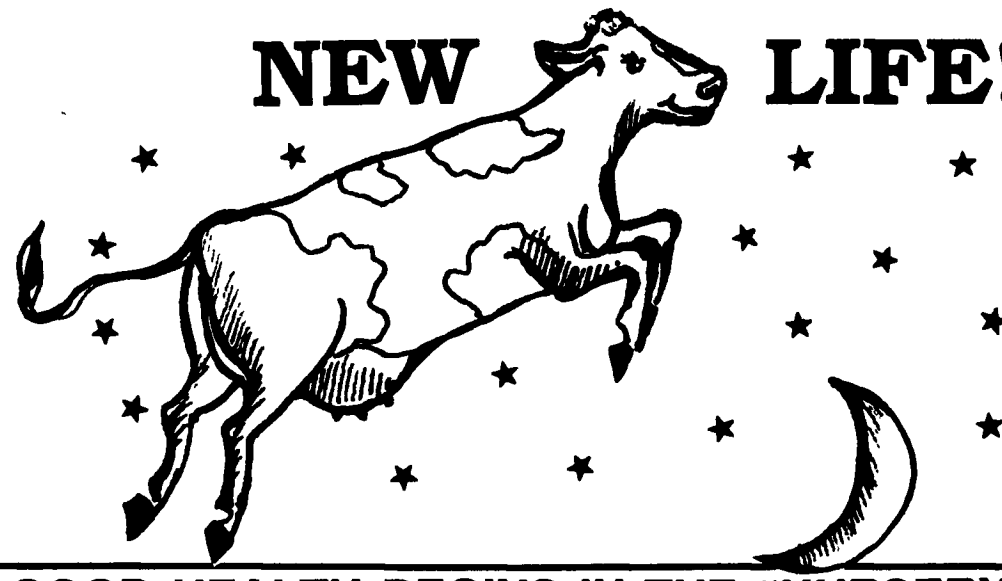

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- Better reproductive efficiency through improved conception rates, fewer days open and reduced incidence of cystic ovaries, embryonic mortality and late term abortions.
- Alleviates copper, zinc, maganese and other micro nutrient deficiencies - improving milk production and persistency.
- Reduces feet and leg problems
- Aids in correcting reproductive problems.
- Amino acid chelated minerals are targeted ot the lower gut where increased active absorption takes place.

REDI-PAK™ MG-K PELLET — Ruminant Fortification Pak Ruminant Fortifier

Benefits:
- Increased dry matter intake especially in hot humid conditions.
- Increased rumen pH lowering the incidence of rumen acidosis.
- Improves milk production and fat test due to increased digestibility of feedstuffs.
- Prevents downer or creeper cow syndrome due to magnesium or potassium deficiency.
- Reduces incidences of udder edema.
- Improves heat detection and conception rate due to increased potassium bioavailability.

BREEDER PAK PELLET — Dairy Fortification Pak

Benefits:
- Better reproductive efficiency through improved conception rates, fewer days open and reduced incidence of cystic ovaries, embryonic mortality and late term abortions.
- Alleviates micro nutrient deficiencies improving milk production and persistency
- Chelated minerals are buffered against rumen breakdown and are targeted to the lower gut where increased active absorption takes place
- Chelated minerals are unaffected by high sulfate in water and feed
- Aids in alleviating feet and leg problems.
- 3 6 times more bioavailable than inorganic minerals
- Increases dry matter intake especially in hot humid conditions
- Increases rumen pH lowering the incidence of rumen acidosis
- Improved milk production and fat test
- Prevents downer or creeper cows due to magnesium or potassium deficiency
- Reduced incidence of udder edema
- Essential for optimum milk production reproduction and herd health

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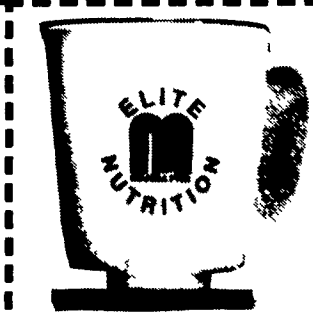

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Small Plow Scoresheet

SMALL PLOW SCORE SHEET

Location _____

_____

Date _____

PLOT NUMBER													
OPENING SPLIT 10 pts													
a. Completeness of cutting through the earth	6												
b. Straightness	4												
CROWN 30 pts													
a. No stubble or grass visible	10												
b. Straightness and uniformity	10												
c. Closeness of furrow slices	10												
GENERAL WORK 40 pts													
a. Burying of stubble or grass	30												
b. Completeness of cut thru slice	10												
PROSPECTIVE SEEDBED 40 pts													
a. Uniformity of mould	10												
b. Closeness of packing	10												
c. Soil available for uniform depth	20												
FINISH 40 pts													
a. Straightness	8												
b. Neatness - clean furrow	6												
c. Weed control	6												
d. Narrowness and shallowness Narrow and shallow 12 pts Narrow and deep 8 pts * Wide and shallow 4 pts * Wide and deep 0 pts	12												
e. Furrow closeness & uniformity	8												
GENERAL APPEARANCE 30 pts													
a. No pairing of furrows	10												
b. Rounded or edged furrow comb	10												
c. Straightness and no mistakes	10												
INS and OUTS 10 pts													
a. Neatness and regularity	10												
TOTAL POINTS	200												
*** DEDUCTIONS**													
NET SCORE													
PLACING													

JUDGES

*** PENALTIES**

a/ * 10 points deducted for two tractor wheel marks
b/ 10 points deducted for finishing on wrong end
c/ 2 pts deducted for each 1/4 " plowing is shallower than minimum depth (up to 1 ")
d/ 20 points deducted for plowing over 1 " shallower than minimum depth
e/ 1 pt per minute for the first 5 minutes overtime and 5 pts per minute for anything over 5 minutes

Antique & Large Plow Scoresheet

ANTIQUE AND LARGE PLOW SCORESHEET

Location _____

_____

Date _____

PLOT NUMBER													
OPENING FURROW OR CROWN Straight, not ridged, uniform from end to end, and closed with a slight depression between the 2 opening furrow slices, no trash, plot stake centered on crown	30												
FURROW STRAIGHTNESS Straight from end to end judged between opening and closing furrows	40												
FURROW CONFORMATION Furrow slice width uniform, no pairing of furrows, uniform depth,no crumbling of furrow wall	40												
QUALITY OF TILLED SURFACE Uniform with prominent depressions between furrow slices, no defacing of plowed surface, no wheel marks on ends	20												
TRASH COVERAGE Grass or stubble should be completely covered	20												
LAND ENDS Ends in a straight line with plot stakes, furrow depth uniform and close at both ends	20												
CLOSING FURROW Straight and parallel, narrow and shallow, clean and uniform throughout its length, one wheel mark, finish on end started	30												
TOTAL POINTS	200												
*** DEDUCTIONS**													
FINAL POINTS													
PLACING													

JUDGES

*** PENALTIES**

a/ * 10 points deducted for two tractor wheel marks
b/ 10 points deducted for finishing on wrong end
c/ Large plow - 9 depth measurements will be made and 1 pt deducted for each measurement under the minimum
d/ Large plow - 1 pt per minute for the first 5 minutes overtime and 5 pts per minute for anything over 5 minutes
e/ 1/2 pt per minute for the first 5 minutes overtime and 1 pt per minute for each minute over 5 minutes

Judging Methods For Small Plow Event

Four or five judges will be appointed to judge the plowing. The following valuation analysis of aspects for judging is set out in detail for study purposes.

1. The Opening "Split"

Competitors must make a split opening.

A. Completeness of cutting through of the sod (earth) throughout the whole length and width of the split 6 points.

B. Straightness (the cleanliness of the open split will not be assessed provided there is only loose soil in the furrow)4 points.

Total 10 points

2. Crown

(Also known as Ridge or Middle).

Consists of the opening furrows around the plot stake, I.E. eight furrows each side (can be 15 to 18 furrow crown) after which the plowman starts casting off into his neighbor's plot.

A. No stubble or grass visible 10 points.

B. Straightness and uniformity 10 points.

C. Closeness of the furrow slices against each other and conformity with the other furrow slices (no high ridge) 10 points.

Total 30 points

3. The General Work

I. Weed control.

A. Burying of stubble or grass (joiners or skimmers must be used) 30 points.

B. Completeness of cutting through or tearing free of the slice 10 points.

Total 40 points

II. Prospective seed bed.

A. Uniformity of mould (no holes) and quantity of particles in stubble. Uniformity of mould (no holes) and firmness under foot in grassland 10 points.

B. Closeness of packing 10 points.

C. Soil made available to ensure a quick production of a uniform depth of tilth when subsequent cultivations are applied (soil brought up) 20 points.

Total 40 points

4. Finish

Comprising the last three rounds and the sole furrow.

A. Straightness 8 points.

B. Neatness (no loose soil or trash in the furrow) 6 points.

C. Weed control 6 points.

D. Narrowness and shallowness (so that it is possible to work the finish into an even tilth leaving no deep hollow in subsequent cultivations) 12 points.

(Valuation note: Narrow and shallow equals 12 points; narrow and deep equals 8 points; wide and shallow equals 4 points; wide and deep equals 0 points. The last two categories have a so-called "step.")

E. Closeness and uniformity of finishing furrows (the last furrow should be almost a full furrow) 8 points.

Total 140 points

5. Ins and Outs

A. Neatness and regularity 10 points.

Total 10 points

6. General Appearance

A. No pairing or coupling of furrows 10 points.

B. A rounded furrow comb in stubble. A clearly defined and regular furrow comb in grassland either edged or rounded10 points.

C. Straightness and no mistakes

(Turn to Page E14)

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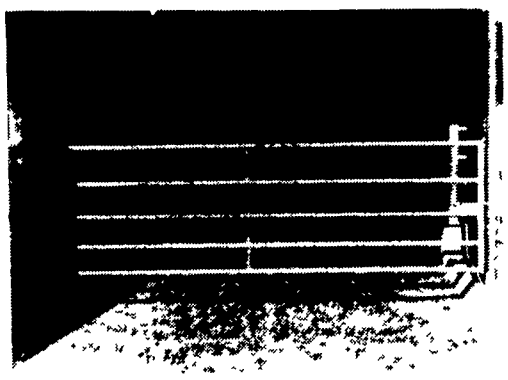

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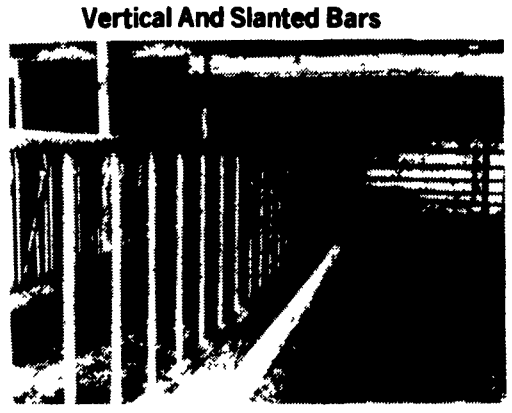

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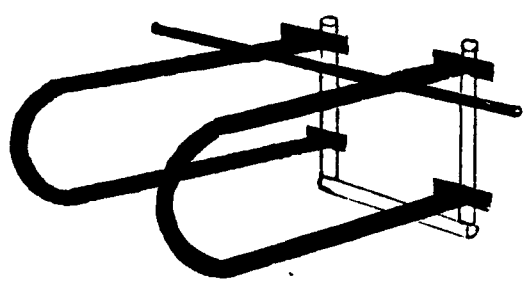

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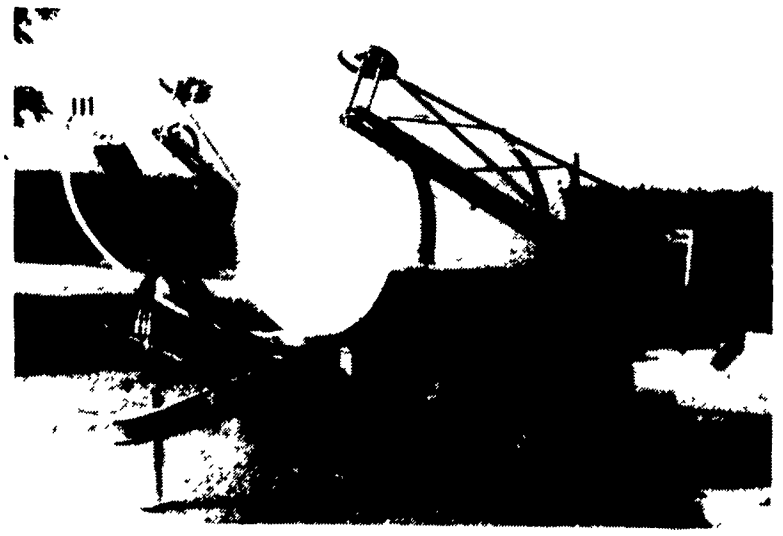

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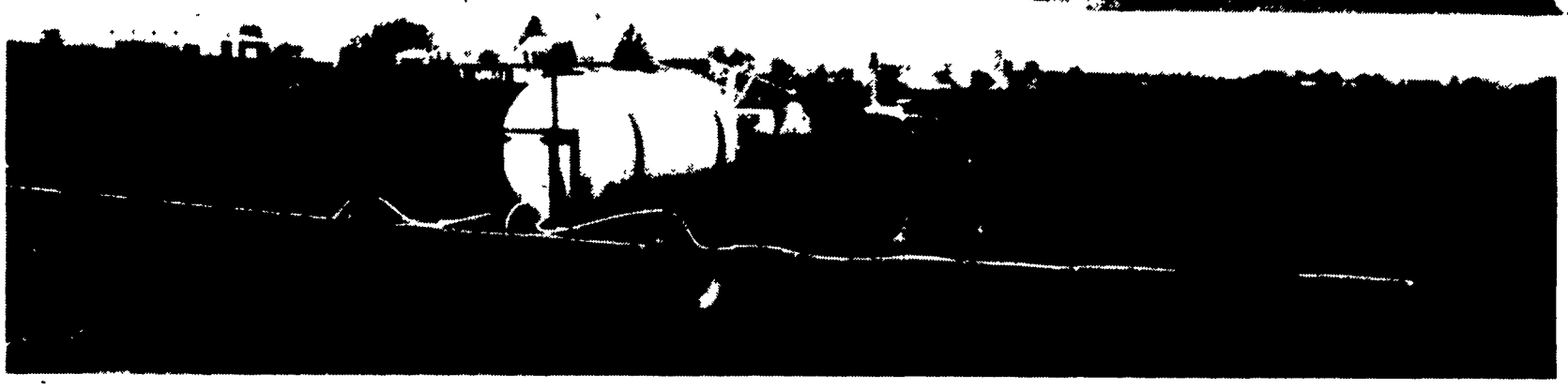

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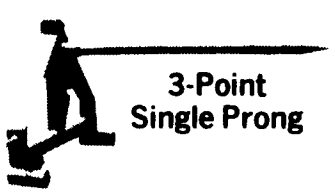
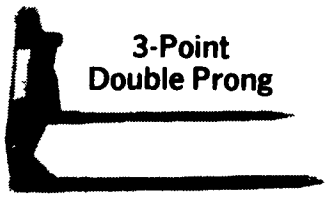
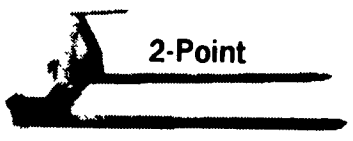




The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.



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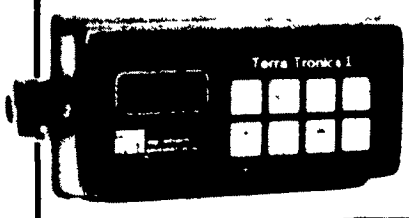

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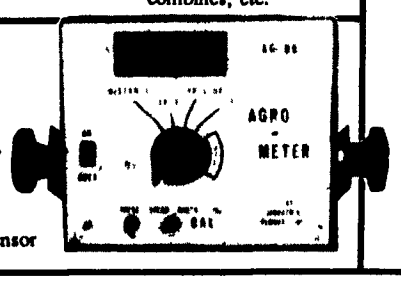

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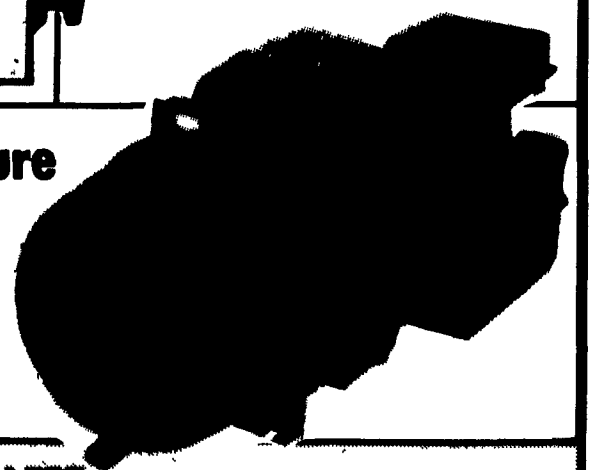

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1968	Small Plow	- Dale Rebert, Spring Grove, York Co.
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	Large Plow	- Clyde Platt, Berlin, Somerset Co.
1970	Small Plow	- James Mowry, Berlin, Somerset Co.
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	Large Plow	- Frank R. Burkhart, RD, Lancaster Co.
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1973	Small Plow	- Robert N. Miller, RD, Millersburg, Dauphin Co.
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STATE PLOWING CONTEST WINNERS, 1974-1982

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	Contour	- Frank R. Burkhart, Lancaster Co.
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1976	Small Plow	- Harvey S. Sauder, Lancaster Co.
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	Large Plow	- Robert W. Miller, Somserset Co.
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	Contour	- Robert N. Miller, Dauphin Co.
	Large Plow	- William H. Crain, Cumberland Co.
1978	Small Plow	- Jay Stoner, Cumberland Co.
	Contour	- No Contour Division in 1978
	Large Plow	- Roger Platt, Somerset Co.
1979	Small Plow	- Gary Crain, Cumberland Co.
	Contour	- William Crain, Cumberland Co.
	Large Plow	- Robert N. Miller, Dauphin Co.
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	Large Plow	- John P. Miller, York Co.
1981	Small Plow	- William H. Crain, Cumberland Co.
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	Large Plow	- Gary L. Crain, Cumberland Co.
1982	Small Plow	- Robert N. Miller, Dauphin Co.
	Contour	- Jay Stoner, Cumberland Co.
	Large Plow	- Gary L. Crain, Cumberland Co.
1983	Small Plow	- Charles Hess, York Co.
	Contour	- Robert N. Miller, Dauphin Co.
	Large Plow	- Frank Burkhart, Lancaster Co.
1984		No Contest - Too Wet
1985	Small Plow	- Robert N. Miller, Dauphin Co.
	Contour	- Neil Leffler, Dauphin Co.
	Large Plow	- Frank Burkhart, Lancaster Co.
1986		No Contest
1987	Small Plow	- Robert N. Miller, Dauphin Co.
	Contour	- Randall Keeney, York Co.
	Large Plow	- Frank Burkhart, Lancaster Co.
	Antique	- Charles Noonan, York Co.
1988	Small Plow	- Charles Noonan, York Co.
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	Antique	- Charles Noonan, York Co.

TRIPLE CROWN WINNERS

1973	Dale Rebert, York Co.
1975	Frank Burkhart, Lancaster Co.
1976	James Mowry, Somerset Co.
1977	Frank Kocevar, Dauphin Co.
1979	Robert N. Miller, Dauphin Co. William Crain, Cumberland Co.
1980	Charles Hess, York Co.

Judging Methods

(Continued from Page E12)

10 points.
Total 30 points.
Collective total points 200

Penalties

— 10 points will be deducted for two tractor wheel marks showing.

— 10 points will be deducted if the sole furrow is laid to the wrong side (i.e. away from the competitor's own crown).

— 2 points will be deducted for each .50 centimeters or ¼ inch when the plowing is up to 2.50 centimeters or one inch shallower than the minimum depth required.

— 20 points will be deducted when the ploughing is more than 2.50 centimeters or one inch shallower than the minimum depth required.

The depths will be judged on the average of nine test measurings for each competitor. Measurements will be taken against the furrow wall.

Note: *The referee shall, on having taken the first check measurement, inform a competitor if his ploughing is below depth.*

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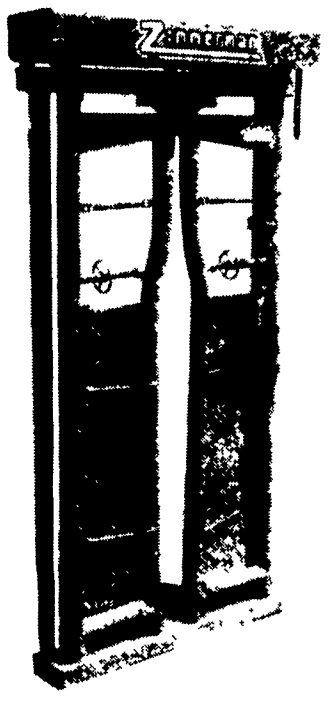
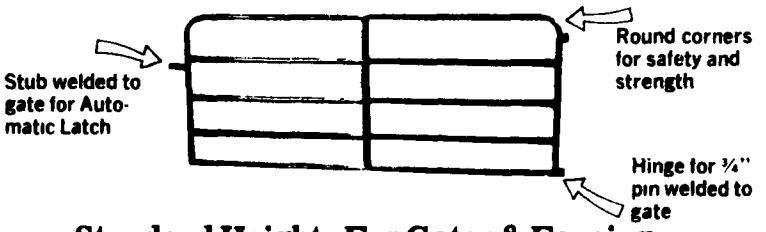


GATES and FENCING



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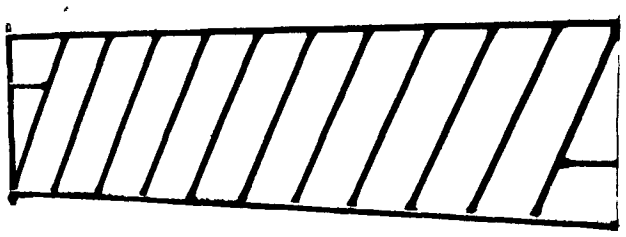

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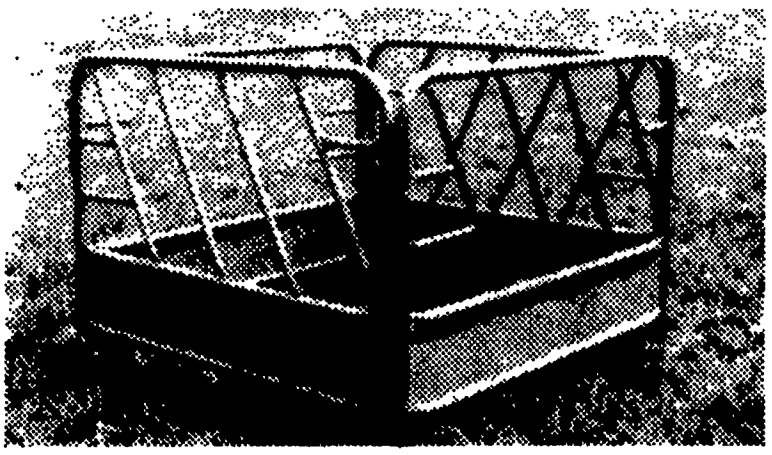

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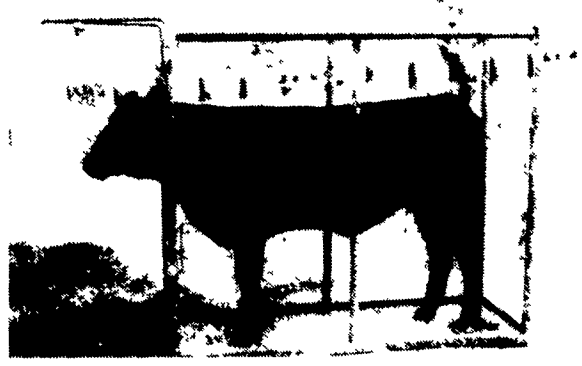

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Burkhart's Barrow Tops Berks FFA Show

BY VAL VAN TASSEL
Berks Co. Correspondent

LEESPORT (Berks Co.) — Like every other exhibitor at the Berks County FFA Hog Show and Sale, Jill Burkhart was hoping that one of her pigs would be a champion. But when her favorite weighed in at a lean 225 pounds last Wednesday morning, Jill figured her chances were slim. "I knew the pig looked all right but I thought he was too light. Then I looked at the other heavier pigs and I didn't think we had a chance."

Despair turned to delight when Judge Larry Arnold announced that Burkhart's barrow was tops at the show held at the Leesport Market & Auction. "This pig reaches out with a long stride. It carries lots of solid muscle with very little fat," Arnold said. The Twin Valley FFA'er had another good reason to be pleased when the hog went for a whopping $4.50 a pound that evening. Pioneer Grange bought the pig despite spirited bidding from Hatfield Packing. Burkhart, the daughter of Richard and Nancy Burkhart of Mohnton, doesn't come from a farm background and wasn't sure what she would do with the windfall.

Not so for the owner of the reserve champion, Roger Bashore, a member of the Oley Valley FFA. His 245-pound barrow was bought by Ezra Good of Hatfield Packing for $2.40 a pound. "I'm going to buy more pigs," Bashore said enthusiastically. The son of Oley Valley dairy farmers Terry and Louise Bashore, Roger knew he had a winner. "He was such a long, big pig. I just knew he was a champion," Bashore said. Judge Arnold agreed. "The champion and the reserve are very similar hogs. This black barrow needs a little more width to compete with the grand champion but both are fine animals that will produce high meat carcasses," Arnold stated.

Bashore and Burkhart also demonstrated their hog handling and fitting skills. Bashore was the junior champion fitter while Burkhart was the reserve junior champion showman. Rounding out the junior results were Jason Balthaser, Hamburg FFA, top showman, and Pam Klinger, Conrad Weiser FFA, reserve fitter.

In the senior division Steve Rohrbach, Hamburg FFA, was the champion fitter with Tim Tothero, Kutztown FFA, as the reserve. Brian Beam, Twin Valley FFA, was the top senior showman with Greg Stricker, Hamburg FFA taking the reserve honors.

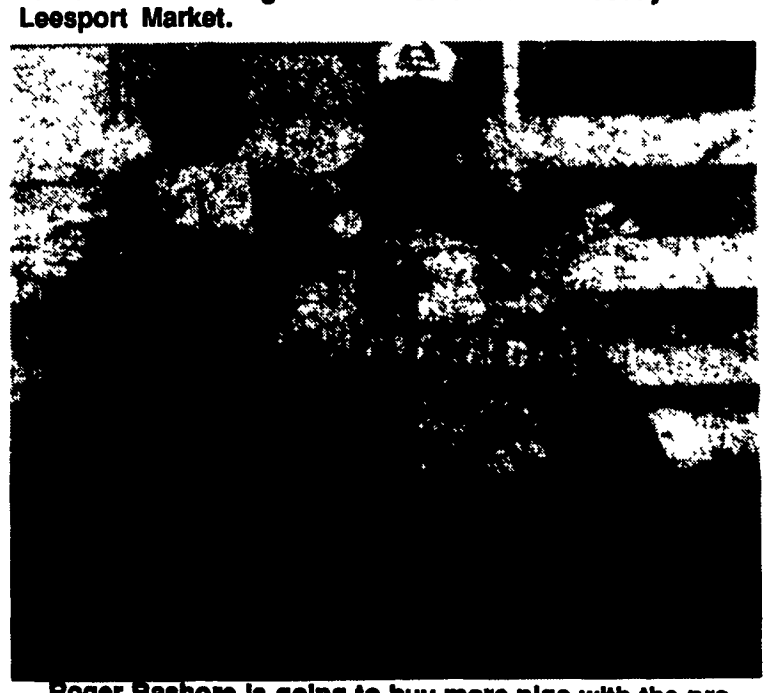
Overall 44 competitors exhibited 78 hogs at the event and received an average price of $.61 per pound excluding the grand and reserve champion prices. Twenty buyers participated in the evening sale.

Results are as follows:

Grand Champion
Jill Burkhart
Reserve Grand Champion
Roger Bashore
Class 1
1. Jon Risser, 2. Robert Adam, 3. Jonathan Grimes.
Class 2
1. Henry Seidel, 2. Dennis Cooper, 3. Jill Burkhart.
Class 3
1. Steve Rohrbach, 2. Dennis Cooper, 3. Roger Bashore.
Class 4
1. Brian Beam, 2. Henry Seidel, 3. Dwight Hoffman.
Class 5
1. Dennis Cooper, 2. Henry Seidel, 3. Randy Balthaser.
Class 6
1. Jill Burkhart, 2. Chad Stambaugh, 3. Brian Beam
Class 7
1. Brian Beam, 2. Paula Hunter, 3. Randy Balthaser.
Class 8
1. Dennis Cooper, 2. Steve Rohrbach, 3. Chad Stambaugh.
Class 9
1. Roger Bashore, 2. Pam Klinger, 3. Jonathan Grimes.
Class 10
1. Greg Stricker, 2. Chad Stambaugh, 3. Pam Klinger.
SHOWMANSHIP
8th Grade
1. Jason Balthaser, 2. Leslie Seidel, 3. Dwight Hoffman.
9-10th Grades
1. Jill Burkhart, 2. Randy Balthaser, 3. Todd Rabenhold.
Junior Champion
Jason Balthaser
Reserve Junior Champion
Jill Burkhart
11th Grade
1. Brian Beam, 2. Dennis Cooper, 3. Chad Stambaugh.
Graduates
1. Greg Stricker, 2. Steve Rohrbach, 3. Henry Seidel.
Senior Champion
Brian Beam
Reserve Senior Champion
Greg Stricker
FITTING
8th Grade
1. Dwight Hoffman, 2. Christine Hunter, 3. Paula Hunter.
9-10th Grades
1. Roger Bashore, 2. Pam Klinger, 3. Jill Burkhart.
Junior Champion
Roger Bashore
Reserve Junior Champion
Pam Klinger
11th Grade
1. Tim Tothero, 2. Dennis Cooper, 3. Chad Stambaugh.
Graduates
1. Steve Rohrbach, 2. Henry Seidel, 3. Robert Adam.
Senior Champion
Steve Rohrbach
Reserve Senior Champion
Tim Tothero

Judge Larry Arnold liked the clipping job Steve Rohrbach did on this hog and named him the champion senior fitter at the Berks FFA Hog Show and Sale. Steve is a member of the Hamburg FFA.

You're looking at Jill Burkhart's $1,000 pig courtesy of the Pioneer Grange who bought the grand champion porker at the Berks FFA Hog Show and Sale last Wednesday at the Leesport Market.



Roger Bashore is going to buy more pigs with the proceeds from this reserve champion barrow. Ezra Good of Hatfield Packing paid $2.40 a pound for the animal at the Berks County FFA Hog Show and Sale.

Maryland Farm Family Wins Soil, Conservation Award

ANNAPOLIS, MD. — Walter and Nancy Schmidt of Sudlersville in Queen Anne's County, Md., received an award certificate for outstanding achievement in conserving soil and water resources from the National Endowment for Soil and Water Conservation. The award was presented at the annual meeting of the Agricultural Communicators in Education in Portland, Ore. One winner was named from each state.

The Schmidts were cited for the "best management practices" they have introduced on their 1,414-acre hog and grain farm. These include sharp reductions in the use of chemical fertilizers, building a water control pond and duck habitat, and pioneering a no-till cultivation system.

The state winners were selected from among several hundred nominees by public and private agricultural and conservation leaders.

The awards program honors agricultural conservationists who do an especially effective job of: managing soil and water resources; preventing or reducing air and water pollution from agriculture; helping other producers, and the public learn why and how to protect agricultural resources.

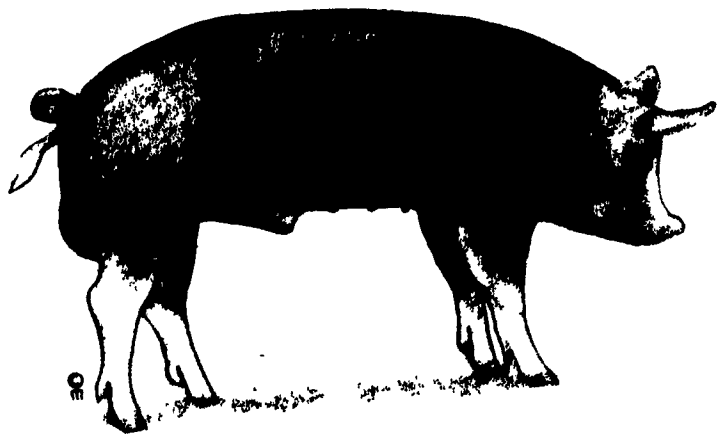
"I congratulate the Schmidts for winning this very prestigious award," said Maryland Secretary of Agriculture Wayne A. Cawley Jr.

"The Schmidts are examples to people in Maryland and elsewhere that resource conservation is an essential and cost-effective investment in a healthy and sustainable agriculture," Cawley said.

The Schmidts, along with the other state winners, will vie for further national honors. Their accomplishments will be evaluated by a technical advisory committee and by former national winners of the Endowment awards. Ten national finalists from the fifty will be honored at an awards ceremony in Milwaukee, October 22, at the American Agricultural Editors Association meeting.

From the 10 finalists, three national winners will be chosen to receive a $1,000 cash award and certificate at special ceremonies in Washington, in early December.

The National Endowment for Soil and Water Conservation, established in June 1982, is a nonprofit, privately funded, nonpolitical organization dedicated to conserving the nation's agricultural resources and promoting a sense of stewardship for the land by all Americans.



Brian Beam of the Twin Valley FFA showed the audience his superior exhibition skills at the Berks FFA Hog Show and Sale last Wednesday and was named top showman in the senior division.

BEST IN THE INDUSTRY

The new White 160 and 185 tractors offer some of the best features in the industry today.

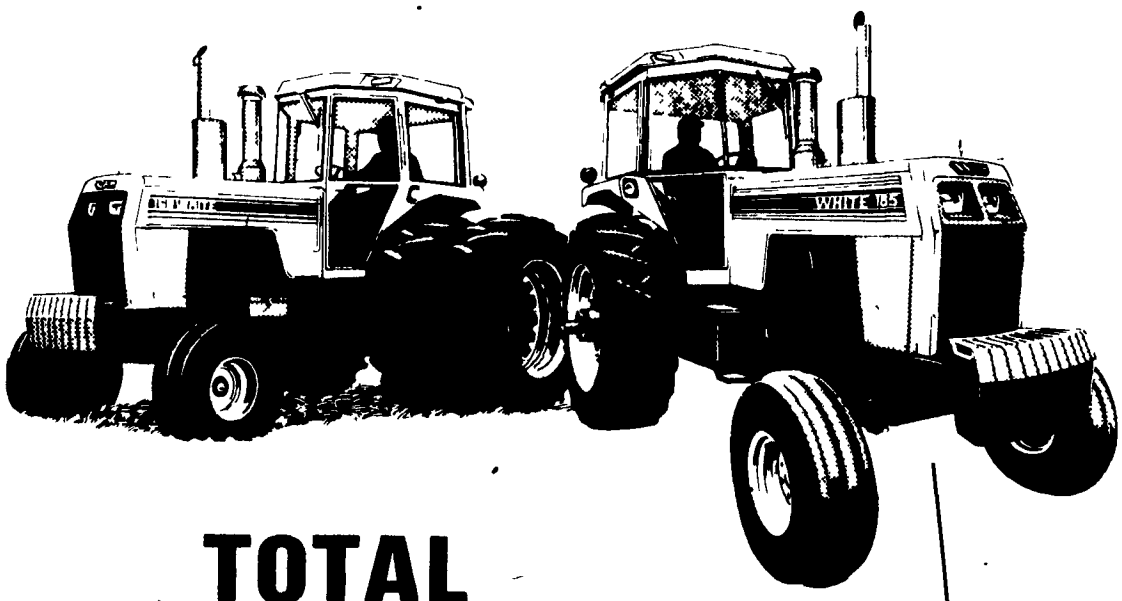
Best Lugging Ability: Model 160 - 30% torque rise
Model 185 - 31% torque rise

Best Warranty: 4 Yrs. or 4,000 hours

Best Power Front Assist Turning Radius: 13.75 Ft.

Treat yourself to the best. The new White 160 and 185.

See us for complete details.



COVER MORE ACRES ON LESS FUEL

New Cummins Engine is turbocharged and aftercooled and puts every ounce of its mass to work converting fuel to horsepower

Fuel economy and high torque are combined in the White 140 So when the going gets tough and rpm drop, the White 140 lugs ahead with a productive 26% torque rise

Combine the fuel economy with the other new features of the White 140 and you have a 137 PTO HP tractor that can do the job for you

TOTAL PERFORMANCE

The new White 100 offers improved features and more strength

- New hard lugging Cummins engine is direct-injected for immediate fuel savings
- New Full Power Front Axle means tighter turning, better crop clearance and up to 50% less wheel slip
- Inboard planetary drives and wet disc brakes are built strong to last long Differential lock is standard
- New FieldFacts computer reports on speed, RPM, acres covered and more.

See us today for more information on the White 100 -- new from White Farm.

WHITE FARM EQUIPMENT

QUALITY ENGINEERING

The new White 120 Tractor was engineered for quality to give you a tractor with long life and top performance.

The new White 120 quality features include

- A newly designed, fuel efficient 118 PTO HP Cummins engine that produces a 27% torque rise under load
- Ability to select from 18 forward speeds, 9 in the working range of 2 to 7 mph with White's proven 3-speed powershift transmission
- Innovative, high clearance PosiTrac Full Power Front Axle that adapts to different row spacings and has a short, 13 1 ft turning radius
- Massive drive train that features planetary final drives, wet disc brakes and engage on-the-go differential lock

Check out the new White 120 today and you'll see the quality engineering! Built for you by White Farm

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See The White Farm Equipment Displayed And Demonstrated At

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August 15, 16, 17, 1989

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Contest Features Antique Plows

Don Bailey brought his green 1936 John Deere Model A tractor out of his barn and dusted it off in anticipation of his participation in competition.

Bailey was winner of the 1985 state antique plowing competition in Minnesota.

Bailey said two factors attracted him to antique rather than modern plowing category. "I was looking for something easy to handle and easy to haul around," he said. "And it didn't cost much to get into it."

His initial investment in antique plowing was the $260 he paid for his 1936 John Deere. He pulls a formerly abandoned 1934 John Deere mouldboard plow that he bought for $10.

The rules for antique competition are much the same as the regular plowing except for a few minor things, Bailey said.

To satisfy the antique classification, the tractor and implements must maintain antique vintage, meaning that no modifications are allowed. The only replacement allowed is tires.

Another requirement unique to antique competition is that no hydraulic equipment is allowed, ruling out simple luxuries like power steering, which makes antique plowing physically more difficult than modern plowing, Bailey said.

For fun, antique plowmen sometimes compete informally against their modern counterparts. "We did it at St. Joseph competitions last year but we were nowhere near winning," he said.

The two keys to excelling in antique matches are to practice and have your equipment in top shape, Bailey said.

"The guys who do really well get really scientific about it," he said.

Bailey was modest about his own success as an antique plowman during an interview at his Sauk Centre farm. It wasn't until the end of the interview that he pointed out shelves that held several antique competition and tractor pull trophies.

Rather than being driven by a competitive spirit, Bailey said he plows more for the camaraderie that the sport brings.

"There is a sense of enjoyment and competitiveness of doing something that's in our line of work," he said. "When it's all over it's the same as before. Everyone enjoys themselves."

Plowing contests are a welcome break from the farming routine, he said, and plowing is a way to immerse the mind in a different activity.

"No other thoughts enter your mind, it's total concentration," he said. "You don't wave at your neighbors, you're busy."

1989 National Plowing Contest Committee

Chairman: Robert L. Rentzel- Pres., South Central Penn Historic Lifestyle & Power Society; Reorganizer of the 116th Great Grangers Picnic

Vice Chairman: Robert N. Miller- President of PA State Plowing Contest Committee

Secretary: Traci Dolan- Representing York Co. Farm & Industrial Equipment Co.

Asst. Secretary: Jodi L. Rentzel- Treasurer, South Central Penn Historic Lifestyle & Power Society

Treasurer: Carol L. Berkheimer- Representing the Drovens & Mechanic Bank

Steven Gross; Marian Miller, Treasurer of the PA State Plowing Contest Committee; John Rowehl, Penn State Extension Agent- York County; Curvin L. Snyder, President- Newberry Township Historical Society; Charles A. Hess, Member PA State Plowing Contest Committee; Charles R. Noonan, Member PA State Plowing Contest Committee; Richard A. Penney, Secretary of PA State Plowing Contest Committee; Mary Grow, York Area Chamber of Commerce; Paul Musser, Member of York Co. Farmers Assn.; Blaine N. Rentzel, Rep. York Co. Industrial Equip. at his farm.

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YES! I would like an on-farm, no-obligation demonstration

Name_____

Address_____

City_____ State_____ Zip_____

Phone_____

Occupation	___ Dairy Farmer	___ Other	
Number of cows milked	___ Under 30	___ 39-40	___ 50-99
	___ 100-199	___ 200 +	
Type of Milking System	___ Parlor	___ Stanchion/Tie Stall	
Presently feeding with a computerized system	___ Yes	___ No	

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"The first four months I had my Farmtronix Feeder, I saved 15 tons of feed and increased milk production."
—Clifford Basel
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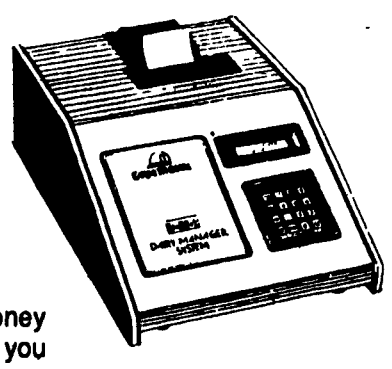
Introducing the "Try It First" Plan from Farmtronix!



If you don't believe you can save money with a Farmtronix Computer Feeder, then you should know about our new "Try It First" Plan.

Because now, you can see for yourself how much you can save... *before you buy!* For a modest installation charge, we'll put a Farmtronix system to work on your farm for 120 days. You can save on feed costs *and* increase milk production. And you can improve the health of your herd by using this feeding technique.

There's no obligation to buy. But if you do, we'll subtract the installation charge from the total system price — whether you make monthly payments or purchase the system outright. Of course, if you're not convinced, we'll take it back. No questions asked.

For more information about the "Try It First" Plan, talk to your Farmtronix dealer. But do it today. Because every day you wait, you're losing money.

FARMTRONIX

The Feeding Experts

DE LAVAL

SEE US AT AG PROGRESS DAYS

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DeLaval® Plate Coolers

DE LAVAL

- Reduces bulk cooler electricity usage as much as 40%
- Tank agitator runs less... for less chance of "churning"
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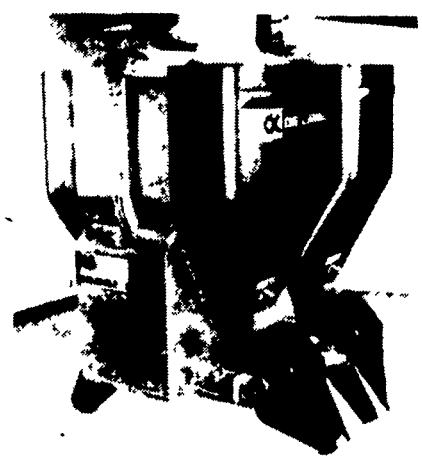
- High grade stainless steel plates and long-life gaskets
- Cleans in place with pipeline system

DE LAVAL The De Laval® FEED CAR Stanchion Feeder

NOW...All the advantages of automatic individually controlled feeding is available for stanchion and tie-stall barns.

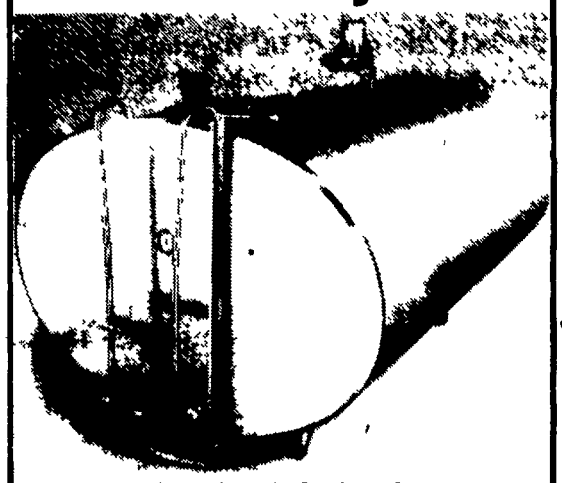


The principle of feeding little and often is now available and affordable. Now 30-40 cow operators can have the same benefits as large operators. You can give each cow an individually programmed ration based on milk production, stage of lactation and other factors you want to consider, feed small amounts up to 10 times every 24 hours. It's accurage and automatic, feeds 4-to-5 cows per minute with one or two types of feed; and has optional automatic refill. Travels around your barn on an overhead monorail. Owners report it can pay for itself in 18 months or less.

FIRST IN STANCHION BARN AUTOMATION

DV-300™ MILKER. This unique system **sense milk flow** and automatically shifts vacuum levels and pulsation rates between stimulation, milking and post-milking phases. Provides affordable, automated, **flow-controlled milking.** The DV-300 **reduces your man-power requirements** and **makes milking easier,** while giving every cow the individual attention she needs. It is now available with the Ultimate Pulsation Delatron II DV pulsation.

COMPARE De LAVAL® Century™



Series Of Bulk Coolers For
- **PERFORMANCE**
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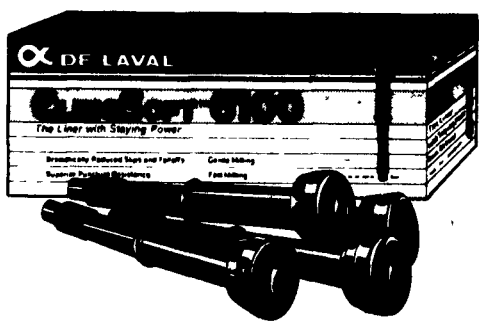
600 to 5,000 Gallon Capacity

NEW... S.S.T. II Automatic Take-Off Unit

- Advanced 2nd Generation Model
- Solid-State Microprocessor Control
- Operates on Vacuum
- Built-In "Milk Sweep" Saves More Milk
- Operates on Any DeLaval Milker System and Most Other Brands

A Stanchion Stall Barn Model, Too!

- Reduces "Squats" per cow
- Helps Prevent Overmilking
- Saves Time Every Milking



Tests show this liner can dramatically reduce slips and falloffs. *Dale Langenkamp of New Weston, Ohio, saw a 77.8% reduction in slips and a 100% reduction in falloffs compared to a Milk Rite® liner.* Think of the valuable time that could save you, let alone the reduction in teat end impacts and chances for milk contamination. But that's just for starters.

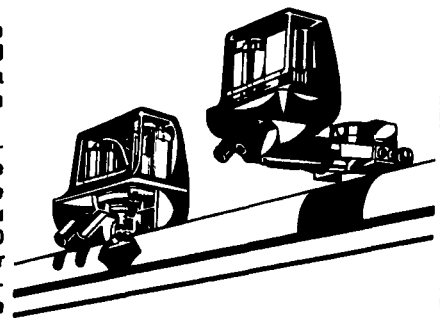
FINALLY, A LINER WITH STAYING POWER.

If you think frequent liner slips and falloffs are unavoidable, you're living in the past. Now there's a new liner that stays on the job when others fail: **ClingSoft™ 6100.**

- Narrow bore is gentle on teats
- Provides complete, fast milking
- Beefed-up ribbed area near liner and virtually eliminates claw nipple punctures
- Unchlorinated rubber surface prevents premature aging, makes liner easier to keep clean.

Put the liner with staying power to work for you. **ClingSoft 6100.**

PRECISE PULSATION *For Uniform Milking*



If you want the most uniform pulsation possible, then you need the solid state technology of a **Delatron™ Pulsation System** from DeLaval.

Delatron Pulsators use state-of-the-art electronics to provide consistent performance with the highest reliability. They offer you a choice of ratios (70:30 or 60:40 at 60 PPM) for your parlor or pipeline milkers, can be stallcock- or pipe-mounted and are available with a built-in air filter.

What's more, **Delatron Pulsators** offer other unique features, including our exclusive servo value and our low voltage design. Plus, they allow you to individually control up to 20 pulsators using just one master controller.

To learn how a **Delatron Pulsation System** can improve the efficiency of your milking operation, see your DeLaval dealer today.

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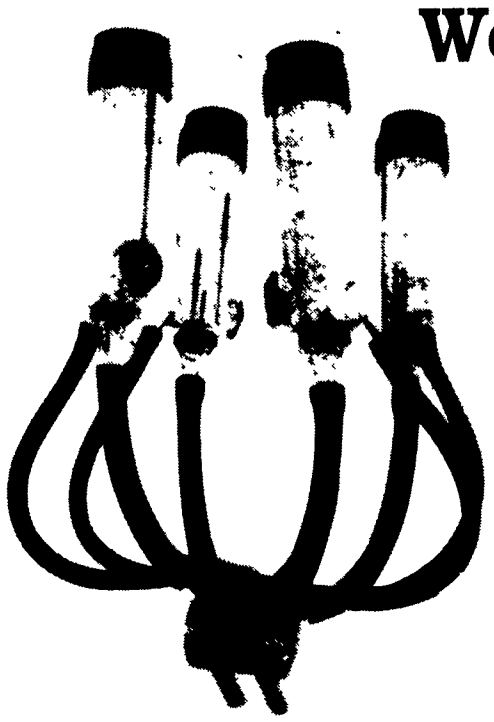

Westfalia's BIO-MILKER

It's Something Else!

The Bio-Milker Multiplies Your Profits - It's The Best Way To Better Milking!

Specially designed to regulate your milking operation, this positive pulsed air bleed milker assures harmony between udder and cluster. Milks with lower vacuum levels even in stanchion barns with a high milk line.

- ❒ Healthier Udders
- ❒ Reduced Milking Times
- ❒ Superior Milking Out
- ❒ High Milk Yield
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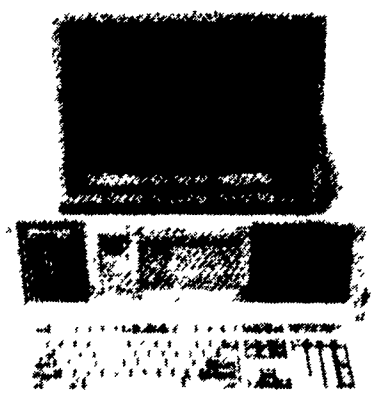
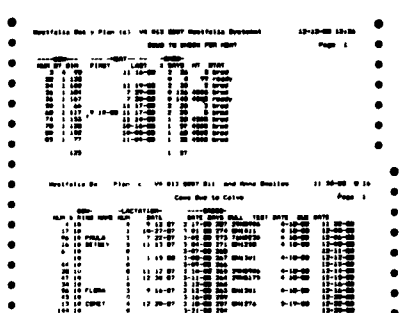
- ❒ Longer Productive Life Of The Cow
- ❒ Increased Profitability In The Shed

WESTFALIA DAIRYPLAN 4

Complete Herd Management Computerized System

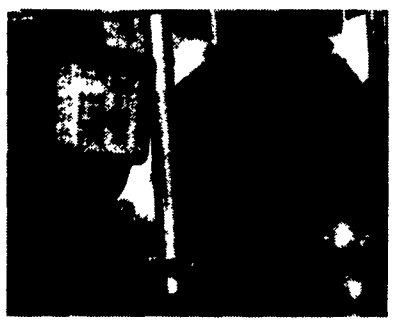
Central Computer with optional terminal and modem will help you manage your entire dairy. ▼





▲ *Westfalia Dairyplan is management controlled phase feeding of concentrates to each individual cow.*

Westfalia Dairyplan allows you to design your reports the way you want them. ◄



▲ *Dairyplan communicates directly with Westfalia Metatron Milk Meters to and from the parlor.*

WESTFALIA SYSTEMAT

SIDE BY SIDE M

The **SIDE BY SIDE MILKING PARLOR S**

The **FAST EXIT** model provides the ultimate in safety and unsurpassed efficiency in a milking facility.

The **kicker r** prevents the **c** from being **at** to kick back**w** and hit the operator, thus providing the **safest** metho**r** milking cows.

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WESTFALIA HIGH-TECH DAIRYING

STFALIA HAS A HIGH-TECH MILKING SYSTEM FOR YOU!

LKING PARLOR

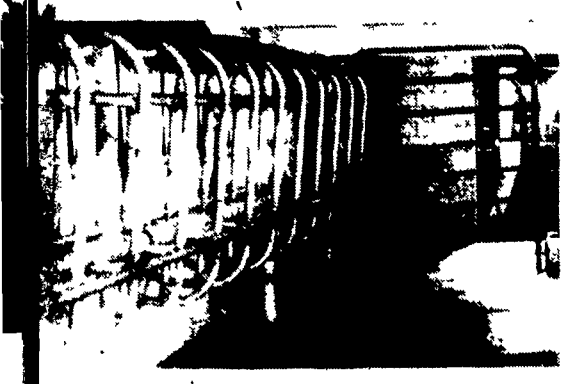
This exciting new milking parlor design is based on the concept of standing the cows side by side in the milking parlor and milking from behind-between the rear legs.

Efficient... Safe... Clean...

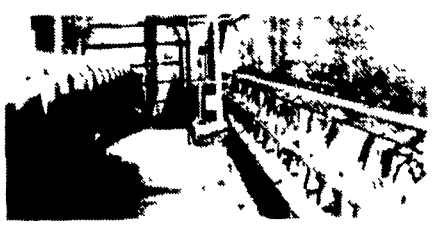
NEW

TEM COMES IN **TWO BASIC DESIGNS:**

The **MEDIUM EXIT** stall is an economic alternative for retro-fitting an existing facility and greatly increasing productivity.



The **elevated gutter** catches the manure before it has a chance to dirty the equipment or operator.



MOBITRON - The High-Tech High Performance Mobile Feeding System For Stanchion Barns That Saves Time, Labor And Feed.

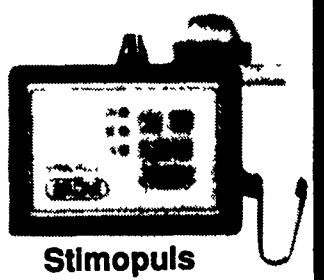
Stanchion barn feeding has never been easier or more profitable than with Westfalia's MOBITRON! Completely automated and computerized, this high-tech, high-performance feeding system offers features conventional and competitive methods just can't deliver.

- **Single or Dual Rations -- meets every cow's needs**
- **Multiple Feedings Per Day -- increases milk output**
- **Optimal Feed Use -- saves money**
- **24VDC Power -- accommodates virtually all layouts**
- **Printout (Optional) -- simplifies herd maintenance**

The Mobitron Is A Computerized Monorail-Mounted Feeding Car That Will Automatically Deliver Feed To Your Cows. It Is Designed For Maxiumum Results And Offers Features And Benefits Conventional Feeding Methods Can't Deliver.

STIMOPULS "M" And STIMOPULS "C"

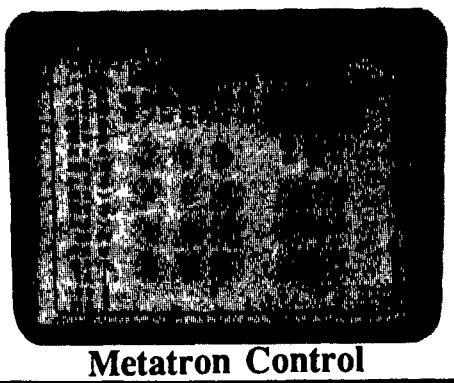
Stimopuls M, the pre-milking stimulator/pulsator, can be used with the ACR 3 Control. This modern, electronic milking device performs stimulation every milking better than by hand and with uniform reliability. The milking preparation routine can now be a timed event. Thus, combining the ACR with stimulation/ pulsation assures efficient let down, milking and take-off for each individual cow.



Stimopuls C

For a more complete milk-out and increased milk yields, Westfalia's Stimopuls can do the job for you. Now milking stimulation can be a timed event.

METATRON Will Make Your Milking System Complete!



Metatron Control

Westfalia's Metatron gives you the edge in effective, economical herd management. This DHIA and USDA approved cowside milk meter provides milk metering on an individual cow milking for in-parlor evaluation. Vital information of milk produced, maximum milk flow, average milk flow and milking time is also available at cowside. Aids you to better manage each individual cow.

Metatron Milk Meter

The Metatron Milk Meter is transparent for visible operation and designed to take years of use. The unrestricted, full 1" milk outlet takes into account all air flow and milk flow requirements for high producing dairy cows of today and tomorrow. It's convenient, too, and can be on line mounted, or remotely mounted out of the operator's way.

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HIGH TECH DAIRYING

Chester Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

May, 1989

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.

The cow with high fat was owned by Landhope Farms.
The cow with high milk was owned by Robert & Sharon Nolan.

Rolling Herd Average

Dunwood Farm	3	52.7	89.9	22,510	867
Chris&Ches Stoltzfus	3	55.8	90.3	21,241	832
Ardrossan Farms	1	117.3	88.5	19,636	822
Timothy Barlow	3	90.8	90.1	21,549	819
Dale Hostetter	3	51.5	90.5	21,570	814
Herman Stoltzfus	8	53.3	89.6	21,403	808
Joseph Lusby	3	59.7	87.8	21,574	808
Vernon Guest + Sons	B3	96.3	89.3	19,932	787
H&R Mason	3	143.4	90.8	20,953	786
Harold J Ranck	3	61.2	87.2	20,421	778
Ken+Marilyn Umble	3	60.9	88.3	21,129	771
Breck-A-De Farm	3	86.2	86.0	20,441	766
Richard Hostetter	3	43.8	86.2	20,465	764
Floyd Miller & Sons	B3	75.7	84.7	20,746	757
Maplesway Farm	3	70.0	90.8	20,189	755
Joy-Wil Farms	B3	144.2	84.1	19,275	749
Pei-Valley Farm	3	86.4	87.8	19,121	749
John S Stoltzfus	3	70.8	89.1	18,949	749
Timberview Farm	3	57.7	87.6	18,490	749
Gerald L Kulp	B3	85.1	87.4	19,596	748
Thomas C Kearns	B8	42.8	86.2	19,458	747
J Harold Bare	3	74.8	84.8	19,551	746
David&Dawn Windle	3	55.2	85.7	19,825	744
Mark&Melody Stoltzfs	B3	59.0	84.7	19,519	743
David K Stoltzfus	B3	44.2	87.4	19,761	742
Martin Weaver Jr	3	36.3	86.3	19,988	740
David F King	B3	64.7	86.7	19,573	740
Robert A Miller	B3	41.5	91.3	19,690	735
Daniel R Stoltzfus	3	35.8	89.3	19,634	736
New Bolton Ctr Unit 4	B3	45.8	84.2	20,419	734
John P Kauffman	B3	42.2	89.9	19,874	730
Timothy Kurtz	B3	86.4	86.8	20,827	729
William L Stoltzfus	3	54.2	87.8	18,405	726
Lloyd Mast & Sons	3	110.4	88.6	18,725	724
Roy+Ruth Ann Bender	B3	64.5	82.0	20,467	724
Meadow Oak Farm	B3	48.9	87.7	19,339	721
Merle J King	B3	97.2	84.9	19,624	721
Star Point Holsteins	B3	68.3	84.6	19,514	718
Kevin Stahlnecker	B8	48.5	86.2	17,954	715
Paul Smoker	G3	62.5	86.7	20,419	713
Calvin R Blank	B3	55.8	90.8	19,037	711
Arthur+Duane Hershey	3	69.5	82.0	18,626	709
Spring Aqua Farm	3	89.2	88.2	19,295	709
Mast Stoltzfus	3	52.5	89.8	19,190	709
Amos J Stoltfus	3	49.4	82.7	19,703	706
J Elmer Lapp	3	39.1	87.1	19,140	701
Paul Martin	B3	63.5	87.9	19,301	700
David Bartram	B3	114.4	88.9	18,492	700
Susan Weaver	3	78.9	83.3	17,908	698
Landis S Reid	B3	64.2	87.0	18,333	698
Charles-Don Gable	1	70.1	84.1	16,454	697
Star Point Jerseys	4	18.8	86.2	15,226	696
Richard Hoover	B3	122.8	87.4	18,373	693
Jesse E Lair	G3	86.4	87.6	18,954	688
Leon D Kurtz	3	45.1	83.7	18,474	688
John K Kauffman	B3	36.4	88.0	19,932	688
Rocky-Side Farm	3	66.5	87.5	19,378	687
Elvin R + Carol Mast	B3	89.7	86.7	18,003	687
Benjamin K Kauffman	B3	46.5	89.3	18,673	685
Jonas K King	B3	44.9	84.9	19,321	682
Geo Strutynski+Sons	B3	94.6	85.9	17,131	681
David S Stoltzfus	G3	34.7	89.1	19,118	681
Robert+Sharon Nolan	3	57.5	87.3	19,490	677
St Johns Dairy	B3	104.5	85.6	19,019	677
Amos K Kauffman	3	41.3	88.2	19,309	674
Sam Marian Stoltzfus	B3	39.4	84.3	19,114	672
Landhope Farms	B3	410.4	89.1	18,647	670
Evergreen Farm	G3	98.0	89.9	17,191	665
Duane&Carolyn Eberly	B3	64.3	88.5	18,306	665
Levi S King	B3	49.1	82.4	18,385	661
Highpoint Acres	B3	115.1	85.9	17,542	660
Dennis Bush	B3	157.9	88.1	16,881	659
Wye Brooke Farm	B3	63.8	81.7	17,952	657
Richard Proud & Son	B3	63.0	84.0	17,751	656
James V Yale	B3	73.8	91.6	16,539	655
Abner R King	B3	38.0	85.4	17,140	655
Hoopes T Yarnall	3	73.9	88.3	16,490	655
Gideon Stoltzfus Jr	B3	42.2	86.2	18,715	652

Lactations

Landhope Farms						
232	3	6-3	305	19,979	5.9	1178
427	3	3-4	305	20,960	4.5	956
491	3	6-5	305	19,250	4.7	912
195	3	3-0	305	17,438	5.2	911
476	3	5-3	305	16,895	5.3	895
343	3	4-8	305	16,560	5.1	851
458	3	4-2	305	18,259	4.5	834
Joy-Wil Farms						
Ruby2	3	3-5	305	21,986	4.9	1081
Val	3	4-0	305	24,734	4.0	1006
#Sally	3	2-2	305	26,165	3.7	983
51	3	4-8	305	20,468	4.6	958
18	3	4-4	305	22,930	4.1	953
85	3	4-7	305	25,415	3.7	952
Dolly	3	6-10	305	24,512	3.6	888
#Anne	3	5-0	305	20,537	4.2	866
#Julie	3	4-4	305	21,816	3.6	801
Arthur & Duane Hershey						
Loni	3	4-7	305	24,183	4.4	1069
Nickie	3	4-8	305	21,777	4.2	909
Najo	3	5-10	305	24,106	3.7	924
Joni	3	4-4	305	22,465	3.6	822
Dunwood Farm						
Bova	3	4-5	305	25,233	4.1	1043
Bobbie	3	3-5	305	26,409	3.8	1021
#Sweet	3	3-4	305	25,820	3.7	969
#Silk	3	3-6	305	23,850	3.7	890
Jingle	3	7-6	305	22,547	3.5	807
Timothy Barlow						
Coke	3	6-7	305	28,365	3.6	1020
Cinder	3	5-4	305	27,080	3.2	884
Ken & Marilyn Umble						
#Lauren	3	6-8	305	26,277	3.9	1049
Foxy	3	4-2	305	27,855	3.1	888
William L Stoltzfus						
B-Blue	3	7-5	305	22,746	4.4	1013
Roseann	3	7-0	292	21,948	3.8	845
Rhoda	3	6-11	305	21,435	3.7	801
Chris&Ches Stoltzfus						
Pet	3	3-2	305	25,041	3.9	998
Walmoore #3						
414	3	2-10	305	22,016	4.5	991
410	3	3-2	305	19,732	4.3	867
Mark & Melody Stoltzfus						
Lama	3	5-3	305	23,781	4.1	983
Heidi	3	3-11	305	20,174	4.1	836
Agnes	3	3-0	305	19,290	4.2	816
Floyd Miller & Sons						
16	3	7-8	300	24,933	3.8	967
Lori 95	3	4-4	305	23,613	3.8	919
5	3	4-6	305	20,535	4.0	821
Susan Weaver						
Better	3	4-0	305	25,286	3.8	962
R-Dance	3	3-0	305	21,397	4.4	953
John S Stoltzfus						
Wevr173	3	4-11	305	23,300	4.0	942
Loti228	3	3-7	305	21,601	3.8	831
Satin	3	3-7	305	22,105	3.7	818
H&R Mason						
295	3	5-2	305	21,938	4.2	938

(Turn to Page E24)

THE CUMBERLAND COUNTY FFA THANKS OUR BUYERS

Kim Hopple exhibited the Grand steer purchased by Thomas Gsell of CCNB-Newville for $1.65 per pound.

Todd Raberts Reserve Grand Champion steer was purchased by George Monn of the Treat Restaurant for $1.20 per pound.

The Grand Champion Lamb exhibited by Kim Hopple was purchased by Jeff Craig of Greencastle Livestock Market for $2.10 per pound.

Grand Champion Market Steer
Exhibitor — Buyer
Kim Hopple, CCNB, Newville
Reserve Grand Champion Steer
Todd Rabert, The Treat, Shippensburg
Jeff Swank, Penns Pride Meat
Tony Waggoner, Country Butcher Shop
Grand Champion Market Lamb
Kim Hopple, Greencastle Livestock Market
Reserve Grand Champion Market Lamb
Kim Hopple, G. Leonard Fogelsonger
Champion Dorset Market Lamb
Todd Rabert, Shippensburg Produce Auction
Champion Oxford Market Lamb
Rob Keiter, Doug Wallick Insurance
Reserve Champion Suffolk Market Lamb
Michael Corman, J.A. Hargleroad
Reserve Champion Dorset Market Lamb
Bobbi Jo Keiter, Tracy Hoover
Reserve Champion Oxford Market Lamb
Rob Keiter, Paul's Refrigeration
Joe Spencer, Huntsdale Stock Farm
Todd Rabert, Locust Point Quarries
Jim Hair, Farm Credit Service-Carlisle
Michael Comman, Farrells Vet Clinic
Bobbi Jo Keiter, Newville Print Shop
Jim Hair, Keen Transport
Joe Spencer, John C. Diehl & Sons
Grand Champion Market Hog
Brent, Commerer, Penns Pride Meats
Reserve Grand Champion Market Hog
Nevin Wenger, Hatfield Quality Meats
Champion Pen of 2 Market Hogs
Roger Finkenbindere, Hatfield Quality Meats
Champion Lightweight Market Hog
Derek Martin, Leinbach's Hay Auction
Champion Mediumweight Market Hog
Kim Hopple, Farm Credit Service, Carlisle
Reserve Champion Light-Heavyweight Market Hog
Derek Martin, Hatfield Quality Meats
Reserve Champion Heavyweight Market Hog
Rob Keiter, Newville AGway
Reserve Champion Lightweight Market Hog
Jeff Swank, Sunday's Mill Company
Reserve Champion Mediumweight Market Hog
Kim Hopple, Rudolph's Small Engine Repair
Jennifer Miller, North Mountain Butcher Shop
Michael Cornman, Pharo's Restaurant & Truck Stop
Nevin Wenger, Doug Wallick Insurance
Scott Souder, Fickes Silo
Steve Hinson, First Bank & Trust
Michael Comman, Fred Potteiger & Sons
Brian Lehman, Hatfield Quality Meats
Tim Lehman, Hulse Associates
Jennifer Miller, Carlisle Livestock Market
Mark Lehman, White Oak Mills
Jim Hair, Kesslers Meats
Brent Commerer, Wayne F. Craig & Sons
Bobbi Jo Keiter, Hatfield Quality Meats
Jim Hair, Hatfield Quality Meats
Bobbi Jo Keiger, Kesslers Meats
Christopher Helm, Shippensburg Agway
Brian Sigler, Shippensburg Agway
Rob Keiter, Hatfield Quality Meats
Steve Hinson, Hulse Associates
Keith Gutshall, Cumberland Valley Co-op
Renny Gutshall, Orrstown Bank
Todd Chestnut, Penns Pride Meats
Tim Lehman, Paul Basehore & Shepherds Crook
Christopher Helm, Criders Meats
Brian Lehman, Fred Potteiger & Sons
Mark Lehman, White Oak Mills
Keith Gutshall, Farmers National Bank
Todd Chestnut, K&K Agri-Service
Scott Souder, Leinbachs Farm Market & Shop
Renny Gutshall, K&K Agri-Service

The Reserve Grand Champion Lamb was purchased by G. Leonard Fogelsonger represented by Jeff Craig. The lamb was also exhibited by Kim Hopple.

The Grand Champion hog was exhibited by Brent Commerer and purchased by Richard Shaw of Penns Pride Meats for $4.00 per pound.

The Reserve Grand Champion Hog was exhibited by Nevin Wenger and purchased by Ezra Good representing Hatfield Quality Meats for $2.30 per pound.

Goodyear doesn't measure up to ARMSTRONG

See Us At Ag Progress Days And Measure The Difference!

COMPARE FOOTPRINT AREA*

100%

ARMSTRONG SUPER HI-POWER LUG RADIAL R-1

81%

GOODYEAR DYNA TORGUE RADIAL

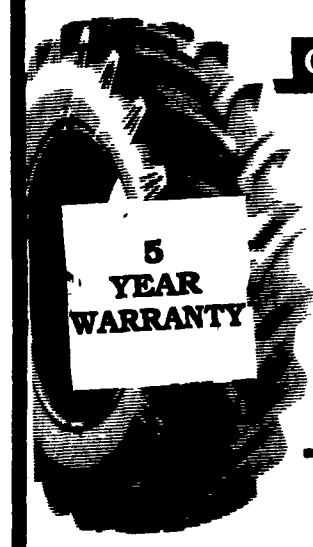
*Tire Size Tested: 18.4-38, 8 Ply Rating

ARMSTRONG

All Orders Over $300 Delivered Free To Your Farm!
(Orders Under $300... Only A Small Extra Fee!

We Install Tires On Your Farm
• Centre Hall • Williamsport
• Sunbury • Allentown
• North Penna. • New Jersey
• Northern Maryland

Ask About Our 5 Year Guarantee On Rear Tires



OFFER EXTENDED...

FREE MOUNTING ON PAIRS Super Hi-Power Lug Radials

18.4R34 ★	$486.00
16R38 ★	$515.00
18.4R38 ★	$563.00
20.8R34 ★	$736.00
20.8R38 ★	$760.00
20.8R38 ★★	$850.00
24.5R32, ★	$930.00
30.5R32, ★	$1078.00
18.4R42, ★★	$806.00
20.8R42, ★★	$796.00

CALL FOR QUOTE ON TRUCK TIRES!

ARMSTRONG

Hi Traction Lug

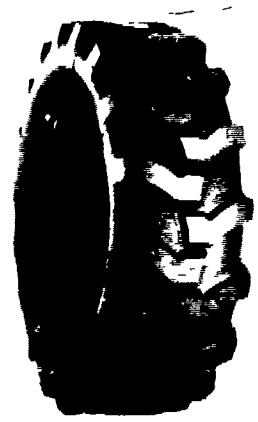
11.2x24, 4 Ply	$132.00
11.2x24, 6 Ply	$154.00
14.9x24, 4 Ply	$196.00
14.9x24, 6 Ply	$216.00
14.9x24, 8 Ply	$248.00
16.9x24, 6 Ply	$251.00
16.9x24, 8 Ply	$273.00
14.9x26, 6 Ply	$222.00
18.4x26, 6 Ply	$312.00
18.4x26, 10 Ply	$380.00
23.1x26, 8 Ply	$625.00
11.2x28, 4 Ply	$154.00
12.4x28, 4 Ply	$180.00
13.6x28, 4 Ply	$192.00
13.6x28, 6 Ply	$204.00
14.9x28, 4 Ply	$200.00
14.9x28, 6 Ply	$222.00
14.9x28, 8 Ply	$256.00
14.9x28, 10 Ply	$335.00
16.9x28, 6 Ply	$273.00
16.9x28, 8 Ply	$301.00
16.9x28, 10 Ply	$362.00
16.9x30, 6 Ply	$296.00
18.4x28, 6 Ply	$363.00
18.4x30, 6 Ply	$330.00
23.1x30, 8 Ply	$705.00
24.5x32, 10 Ply	$900.00
16.9x34, 6 Ply	$323.00
18.4x34, 6 Ply	$370.00
18.4x34, 8 Ply	$400.00
20.8x34, 6 Ply	$563.00
20.8x34, 8 Ply	$590.00
23.1x26, 10 Ply	$705.00
23.1x34, 8 Ply	$771.00
11.2x38, 4 Ply	$185.00
12.4x38, 4 Ply	$210.00
13.6x38, 4 Ply	$222.00
13.6x38, 6 Ply	$248.00
14.9x38, 6 Ply	$268.00
15.5x38, 6 Ply	$278.00
15.5x38, 8 Ply	$318.00
16.9x38, 6 Ply	$357.00
16.9x38, 8 Ply	$392.00
18.4x38, 6 Ply	$416.00
18.4x38, 8 Ply	$446.00
20.8x38, 8 Ply	$596.00
20.8x38, 10 Ply	$704.00

SERVICE AVAILABLE...

CALL FOR QUOTE!

ARMSTRONG

Loader-Dozer



★ TUBELESS ★

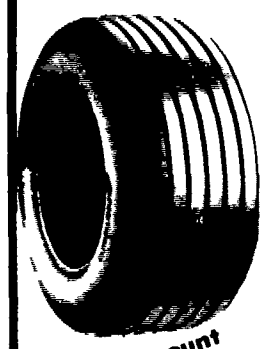
16.9x24, 8 Ply	$330.00
16.9x24, 10 Ply	$384.00
17.5Lx24, 8 Ply	$291.00
17.5x24, 8 Ply	$322.00
17.5Lx24, 10 Ply	$362.00
15.5x25, 12 Ply	$352.00
17.5Lx25, 12 Ply	$499.00
18.4x24, 8 Ply	$419.00
18.4x24, 12 Ply	$497.00
19.5Lx24, 10 Ply	$470.00
19.5Lx24, 12 Ply	$517.00
12Lx24, 12 Ply	$602.00
20.5x25, 12 Ply	$833.00
23.5x25, 12 Ply	$1,265.00
23.5x25, 16 Ply	$1,340.00

ARMSTRONG

★ TUBE TYPE ★

14.9x24, 6 Ply	$242.00
14.9x24, 8 Ply	$258.00
16.9x24, 6 Ply	$284.00
16.9x24, 8 Ply	$289.00
16.9x24, 10 Ply	$350.00
17.5Lx24, 8 Ply	$295.00
16.9x28, 8 Ply	$317.00
18.4x28, 10 Ply	$415.00
1300x24, 10 Ply	$278.00
1300x24, 12 Ply	$307.00
1400x24, 10 Ply	$312.00
1400x24, 12 Ply	$360.00

WAGON TIRES



Special Discount $5.00 OFF These Prices

26 1200x12, 4 Ply	$58.00
8.51x14, 6 Ply	$55.00
9.5Lx14, 6 Ply	$57.00
9.5Lx14, 8 Ply	$58.00
9.5Lx15, 6 Ply	$53.00
9.5Lx15, 8 Ply	$53.00
11Lx14, 6 Ply	$57.50
11Lx15, 6 Ply	$51.00
11Lx15, 8 Ply	$55.00
11Lx15, 10 Ply	$79.00
1000x15, 8 Ply	$68.00
11Lx15, 8 Ply Tubeless	$83.00
11Lx16, 8 Ply	$70.00
11Lx16, 10 Ply Tubeless	$93.00
12.5Lx15, 10 Ply	$83.00
12.5Lx16, 14 Ply	$103.00
12.5Lx15, 12 Ply	$95.00
14Lx16.1, 12 Ply	$166.00
16.5Lx16 1, 10 Ply Tubeless	$197.00
25x7.50x15, 4 Ply Tubeless	$53.00
25x7.50x15, 6 Ply Tubeless	$60.00
27x9 50x15, 4 Ply Tubeless	$64.00
27x9.50x15, 6 Ply Tubeless	$73.00
27x9.50x15, 8 Ply Tubeless	$78.00
31x13.50x15, 6 Ply Tubeless	$107.00
31x13.50x15, 8 Ply Tubeless	$117.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

CONTRACTOR F-3

11Lx15, 8 Ply	$87.00
11Lx15, 10 Ply	$102.00
11Lx16, 8 Ply	$104.00
11Lx16, 10 Ply	$114.00
750 800x16, 10 Ply	$99.00
11Lx16, 12 Ply	$137.00
145 - 75 - 16.1, 10 Ply	$246.00

FRONT TRACTOR

Shipped UPS - No Charge!

★ 3-RIB ★

400-12	$26.00
400-15	$28.00
400-19, 4 Ply	$36.00
500-15	$36.00
550-16, 4 Ply	$39.00
550-16, 6 Ply	$42.00
600-14, 6 Ply	$62.00
600-16, 4 Ply	$42.00
600-16, 6 Ply	$46.00
650-16, 6 Ply	$49.00
750L-15, 6 Ply	$54.00
750-16, 8 Ply	$64.00
750-16, 6 Ply	$60.00
750-18, 6 Ply	$71.00
750-20, 6 Ply	$88.00
9.5L-15, 6 Ply	$69.00
9.5L-15, 8 Ply	$76.00
10.00-16, 6 Ply	$92.00
11Lx15, 8 Ply	$87.00
1100-16, 8 Ply	$128.00
14L-16.1, 8 Ply	$200.00

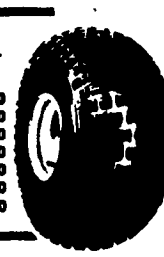
★ 4-RIB ★

11L-15, 8 Ply	$91.00
10.00-16, 6 Ply	$90.00
10.00-16 (TL), 6 Ply	$113.00
10.00-16 (TL), 8 Ply	$123.00
11.00-16, 6 Ply	$112.00
11.00-16, 8 Ply	$120.00
11.00-16 (TL), 8 Ply	$134.00
14L-16.1 (TL), 6 Ply	$216.00
14L-16.1, 8 Ply	$213.00
16.5L-16.1 (TL), 6 Ply	$320.00

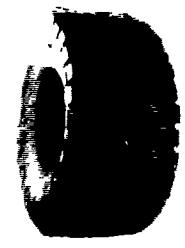
★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$168.00
1100x16, 12 Ply, Tubeless	$186.00

3 WHEELER TIRES



20x7.00-8	$38.00
21x7.00-8	37.00
22x11.00-8	42.00
22x8.00-10	45.00
22x11.00-10	50.00
25x12-9	60.00
18x950-8	41.00



ARMSTRONG TURF

8.3x24	$118.00
9.5x24	$131.00
14 9x24, 6 Ply	$231.00
16.9x24, 6 Ply	$242.00
18.4x16.1, 6 Ply	$274.00
13.5x16.1, 8 Ply	$275.00
18.4x26, 6 Ply	$415.00
13 6x28, 6 Ply	$268.00
13.6x28, 4 Ply	$246.00
16.5Lx16.1, 6 Ply	$309.00

Small Rear Farm Tires

750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8.3x24, 4 Ply	$101.00
9.5x24, 4 Ply	$113.00
11.2x34, 4 Ply	$167.00
11.2x38, 4 Ply	$169.00
12.4x24, 4 Ply	$144.00
12.4x36, 4 Ply	$227.00
13.9x36, 6 Ply	$236.00

SKID LOADER TIRES

570x12, 4 Ply	$42.00
23.850x12, 4 Ply	$49.00
27.850x15, 4 Ply	$53.00
27.850x15, 6 Ply	$72.00
27.1050x15, 6 Ply	$78.00
700x15, 6 Ply	$68.00
750x15, 6 Ply	$71.00
10-16.5, 6 Ply	$84.00
12-16.5, 8 Ply	$125.00
Steel Shield 10-16.5, 6 Ply	$110.00

Above Tires Shipped To You FREE

Central Warehouse
Mummau Pl
Lewistown Pa

Serving Farmers In
Penna, New Jersey, Northern
Maryland and Delaware

Rt. 22 West
Service Trucks

MUMMAU TIRE SERVICE CENTER

For Service And Out-of-State, Call: 717-653-1260
In Pa., Call Toll Free: 1-800-222-1729

Chester Co. DHIA

(Continued from Page E22)

395	3	3-2	305	24,407	3.7	904
367	3	3-8	305	21,857	3.6	805
Walmoore 1						
619	3	3-4	305	21,638	4.2	928
601	3	4-3	305	23,186	3.8	891
Leon D Kurtz						
Abby	3	4-6	305	24,649	3.7	925
Maplesway Farm						
Sis	3	5-4	305	23,269	3.9	925
Life	3	10-0	305	21,820	3.7	811
Vernon Guest & Sons						
Joy	3	3-8	305	20,579	4.4	920
Tanya	3	2-2	305	19,697	4.2	828
Herman Stoltzfus						
Ruby26	3	4-9	305	26,984	3.3	915
Ellen	3	7-0	305	26,381	3.3	881
Ester	3	4-1	305	23,948	3.5	844
Melody	3	7-9	305	24,060	3.3	809
Richard Hostetter						
57	3	5-5	305	21,724	4.2	915
27	3	5-10	305	21,658	3.8	831
Timberview Farm						
Yvonne	3	4-5	305	20,002	4.5	909
Star Point Holsteins						
Royal	3	8-6	305	23,601	3.8	907
2477	3	5-3	305	23,629	3.7	891
2490	3	4-8	305	19,570	4.2	837
Hoopes T Yarnall						
44G	3	3-10	305	20,959	4.3	905
J Harold Bare						
60	3	5-10	305	26,246	3.4	904
57	3	4-11	305	21,858	4.0	894
66	3	3-0	305	20,957	4.1	869
55	3	2-3	305	18,615	4.3	815
Duane & Carolyn Eberly						
15	3	3-7	305	22,352	4.0	893
Martin Weaver Jr						
Agnes	3	7-6	305	25,134	3.5	892
Elvin R & Carolyn Mast						
Beth62	3	5-4	305	19,588	4.5	892
Martin M Weaver						
238	3	5-9	305	20,719	4.3	890
Robert & Sharon Nolan						
Snitz46	3	6-4	305	25,922	3.4	885
Palie21	3	5-0	305	31,100	2.8	877
Sugar8	3	4-9	305	22,602	3.6	824
Landis S Reid						
133	3	4-8	305	20,688	4.2	883
178	3	2-11	305	20,652	3.9	812
David & Dawn Windle						
Camilla	3	6-7	305	23,106	3.8	882
Selma	3	3-9	305	20,669	4.0	832
Mast Stoltzfus						
Patricia	3	3-9	305	25,147	3.5	879
Geo Strutynski & Sons						
81	3	7-9	305	20,142	4.3	879
31	3	4-8	305	19,426	4.2	815
David Bartram						
835	3	5-3	305	19,276	4.5	876
8428	3	3-9	305	21,864	4.0	875
8333	3	4-10	305	19,199	4.3	831
Sam Marian Stoltzfus						
20	3	6-7	305	21,363	4.0	874
James V Yale						
188	3	5-11	305	19,443	4.4	871
Calvin R Blank						
Betsy	3	4-10	305	19,921	4.3	863
Dennis Bush						
531	3	4-8	305	19,050	4.5	860
Marsh Acres Farm						
408	3	6-7	305	20,740	4.1	859
David K Stoltzfus						
1	3	5-9	305	22,588	3.7	855
4	3	3-2	305	20,781	3.9	826
11	3	3-6	300	21,118	3.8	821
Lloyd Mast & Sons						
178	3	3-11	305	21,915	3.8	851
Walton F Lusby						
7	3	4-10	305	19,701	4.2	840
Timothy Kurtz						
48	3	3-8	305	22,476	3.7	838
55	3	3-3	301	22,440	3.6	818
70	3	3-7	305	24,476	3.3	813
Thomas C Kearns						
27Elle	3	8-7	305	21,794	3.8	837
Roy & Ruth Ann Bender						
42	3	3-6	305	19,578	4.2	835
Harold R Kulp						
Zap	3	5-4	305	21,517	3.8	833
Harold J Ranck						
Mary	3	6-9	240	18,837	4.4	832
Dale Hostetter						
Lydia	3	4-6	305	24,750	3.3	830
Merle J King						
Sonia	3	4-4	305	23,961	3.4	826

(Turn to Page E25)

SOMETHING TO CROW ABOUT....

LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!

FARM MASTER NEW HOLLAND, PA

SEE OUR NEW STAINLESS STEEL TMR MIXERS With Features That Are Not Even Options With Others! (See Page F12)

New Location At Ag Progress Days - East 7th Street

Underwriters Laboratories Approved Master Labeled Lightning Rod Systems

TEATES LIGHTNING PROTECTION
L.P.I. Certified Master Installer
Farm, Residential and Commercial

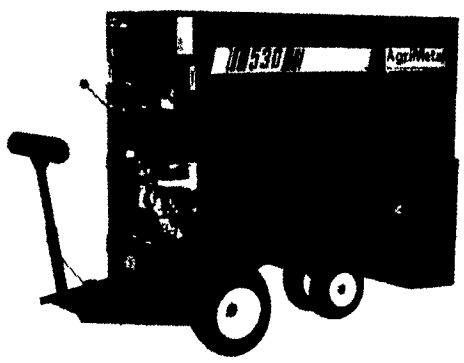
TIM SHAFFER
(717) 374-7090

P.O. Box 234
Freeburg, PA 17827

U S AGRI-SYSTEMS
SELF-PROPELLED SILAGE CARTS

- Hydrostatic Drive, Honda Engine
- 1 Side Unload, 2 Side Unload, Top Unload
- 25 Bu., 30 Bu., 42 Bu., 60 Bu. Sizes

Special Prices Start At $3,495 FOB
Rentals & Leases Available



Arrange For A Free Demo Today!

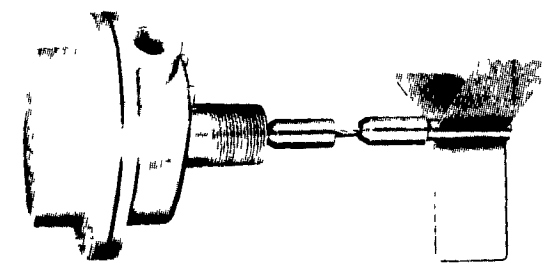
U S AGRI-SYSTEMS
1-800-222-2948
301-398-2948 (Local)
We Ship Anywhere - Dealerships Available

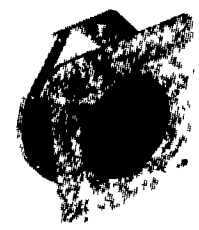
BIN-MASTER
New Compact Size
In A Reliable High & Low Level Indicator

The Rotary Indicator

The Rotary Bin-Master is one of the most widely used point level indicators. This unit indicates the level in the bin by using a slow-turning motor attached through a clutch device to a rotating paddle. This reliable level control is not prone to false indications.

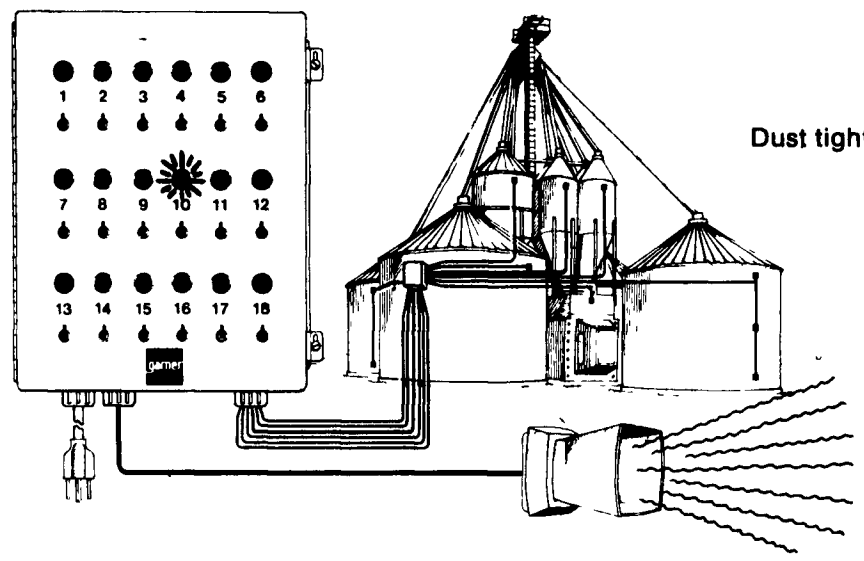
It's versatile in that it can be used with wet or dry materials. A variety of paddles can be used to suit the materials.





Model BM45-F
(Mounted Externally)

This variation of the BM45 series permits mounting of the entire unit outside the bin, making the operating mechanism readily accessible.



Specifications:

Dust tight, meets J.I.C. specifications, 24 volt output to bins.

Light stays on after toggle switch turns off buzzer.

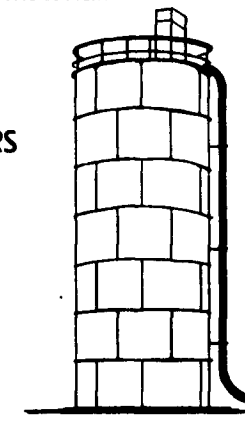
Power cord plugs into 110 volt outlet.

Available 4 to 24 stations.

The Bin-Master Bin Level Control System

This information center is designed to monitor the level of multiple bins from one convenient location. Through a number of strategically placed level indictors, the operator can tell when a bin is full, partially full or empty. The highly dependable control panel indicates by means of a signal light and buzzer, the exact level of the material.

DESIGNERS/MANUFACTURERS
INSTALLERS OF PNEUMATIC
AND MECHANICAL SYSTEMS
FOR THE FEED, GRAIN
AND CHEMICAL INDUSTRIES



Montour Systems Co.
P. O. Box 0233
Orangeville, PA 17859
717-683-5551
Fax 717-683-5913

Materials Handling Equipment and Components

Chester Co. DHIA

(Continued from Page E24)

Evergreen Farm						
100	3	5-1	294	23,054	3.5	826
Ardrossan Farms						
Rcrosel	1	5-7	305	18,936	4.3	826
Boyclas	1	6-7	305	20,273	3.9	804
Daniel R Stoltzfus						
Amy	3	2-11	305	23,335	3.5	825
Gerald L Kulp						
69	3	5-6	305	21,580	3.8	821
Robert-Sharon Nolan						
Heathr2	4	9-6	305	16,077	5.0	815
Spring Aqua Farm						
14	3	3-7	305	25,892	3.1	814
Gottlieb Strohmaier						
224	3	5-11	305	21,048	3.8	814
Donald M Horning						
162	8	0-0	305	25,761	3.1	811
David F King						
Patty	3	4-9	305	20,717	3.9	808
Joseph Lusby						
Carrie	3	7-9	299	17,882	4.5	807
Paul Smoker						
216	3	3-0	275	19,099	4.2	804
Richard Hoover						
72	3	4-0	305	19,092	4.2	804
Levi S King						
Dame	3	6-9	305	23,440	3.4	801
E Kent High						
144	3	4-2	300	21,957	3.6	800

Northumberland County DHIA
June, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Fred & Tom Strouse	B3	60.8	86.6	20,994	803
R M D Shultz Farms	B3	83.7	89.8	21,414	793
Truckenmiller Farms	B3	72.8	89.7	19,769	766
Ernest L Wolfe	B3	60.9	86.0	18,719	737
Schoch Manor Farms	B3	56.7	92.4	19,595	732
Luke N Rebuck	G3	39.6	89.6	18,679	727
Brent Buckwalter	3	103.4	85.9	19,408	708
Garvin Schaffer	B3	35.8	86.3	19,160	682
Ronald F Wallace	B3	54.2	91.1	18,373	677
Jerry Smith	3	52.7	85.3	18,223	669
Irvin Reynolds	G3	73.9	89.3	17,059	660
Clayton H Swartz	B3	33.2	90.5	18,452	656

FREE FREIGHT ON ALL COMPLETE CONVEYOR CHAIN

All Makes And Models Available - *CALL FOR PRICE!*

MANURE SPREADER CONVEYOR CHAIN

MAKE	MODEL	STEEL DETACH CHAIN	T-BAR CHAIN	PINTLE CHAIN
Akey	M90	207.1		
Allis Chalm.	281-140S	275.8	392.00	345.04
Allis Chalm.	299-180S	327.23	382.92	417.3
Badger	160	309.43	471.24	386.92
Badger	205	368.89	447.3	461.17
Badger	240	372.6	451.12	465.35
Badger	3260	374.54	458.64	470.55
Balzer	240	407.6	478.8	506.02
Balzer	440,515	369.5	480.12	477.42
Balzer	700	463.46	563.72	596.45
Case	180	340.83	398	424.82
Decker	100,101,301	277.57	333.74	353.75
Forage King	160	353.73	416.38	441.59
Farmhand	430,438	278.22	334.56	350.56
Farmhand	450	444.49	534.32	540.97
Gehl	180	316.95	379.8	392.05
Gehl	250	391.28	457.64	484.2
Gehl	350	291.2	348.56	378.56
Gehl	500	350.59	418.34	451.95
H & S	180,220	329.82	398.28	415.1
H & S	295	421.11	498.96	529.82
H & S	350	626.8	547.44	562.06
Int. Harv.	150,155,160	293.91	367.73	
Int. Harv.	530	261.76	317.92	330.22
Int. Harv.	550,555	353.15	428.56	440.48
Int. Harv.	570,575	276.6	332.04	362.96
Int. Harv.	585	352	426.16	457.63
John Deere	34	POR	POR	POR
John Deere	40	290.92	351.6	365.34
John Deere	54	—	478.00	—
John Deere	660	393.17	459.36	484.51
John Deere	680	356.63	432.44	466.05
Kasten	175	331.65	385.44	411.56
Kasten	250	412.76	486.72	512.36
Kasten	270	391.28	455.76	484.2
Kasten	325,400	471.45	558.92	585.00
Knight	180	316.95	381.68	392.05
Knight	250,252	391.28	459.52	484.2
Knight	350	291.56	348.8	378.94
Knight	500,510	350.59	418.34	451.95
Knight	650	412.5	498.86	535.02
Massey Ferg.	180	293.98	352.34	369.1
Massey Ferg.	205	POR	POR	POR
Massey Ferg.	721	338.24	409.86	422.7
Meyers		POR	POR	POR
Miller	235,2140	367.97	430.12	POR
New Holland	300-336	POR	POR	POR
New Holland	510,511,512	290.11	348.52	360.15
New Holland	513,514	299.02	358.60	369.55
New Holland	516,517,518	347.31	420.92	435.69
New Holland	419,520	358.01	433.16	446.98
New Holland	675,676,677	460.76	546.60	573.45
New Holland	679,680	475.01	562.44	588.50
New Holland	790,791	528.15	620.96	644.59
New Holland	795	356.21	430.00	463.11
New Holland	800	362.69	437.48	469.95
New Idea	212	271.96	326.28	342.29
New Idea	213,217	324.96	394.72	410.73
New Idea	214	377.95	447.24	478.14
New Idea	218,244	429.42	484.08	527.92
New Idea	224,245	491.69	557.72	558.55
New Idea	355	363.34	451.18	484.14
New Idea	360	270.02	322.52	338.33
Patz	181	329.49	400.52	416.88
Patz	350	474.52	558.18	586.19

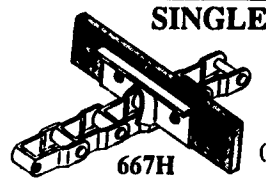
FEED WAGON CONVEYOR CHAIN

MAKE	MODEL	PRICE MAIN CONVEYOR CHAIN	PRICE ELEVATOR CONVEYOR CHAIN	PRICE CROSS CONVEYOR CHAIN
Agrimetal	525	66.00	NO	57.00
Agrimetal	530CC	74.10	NO	45.00
Agrimetal	542CC	68.00	NO	52.00
Agrimetal	760CC	90.00	NO	57.00
Agripack		238.04	NO	NO
Artsway	155	464.80	NO	NO
Artsway	700,800	1670.00	NO	NO
Artsway	750,850	1887.00	NO	NO
Butlr Jamsway	180,230	NO	NO	294.50
Butlr Jamsway	280,320	NO	NO	297.50
Butlr Jamsway	370,420	NO	NO	297 50
Butlr Jamsway	330,3340	NO	NO	POR
Butlr Jamsway	380,460	NO	NO	297.50
Butler Jamsway	400,465,530	NO	NO	299.60
CSF	FL,FLHS	120.80	NO	NO
CSF	FIN	100.60	NO	NO
CSF	GI	83.60	NO	NO
Clay	Ranger Mangr	125.50	NO	47.75
Farmhand	F44A,210	342.00		325.00
Farmhand	F47A,220	342.00	486.00	NO
Gehl	135	POR	POR	POR
Gehl	170	NO	NO	132.50
Gehl	190,191	398.00	392.00	NO
Gehl	280,320	NO	NO	132.50
Gehl	7190,7210	NO	NO	197.50
Gehl	7285,7335	NO	NO	197.50
Gehl	7435,7500	NO	NO	197.50
Grain-O-Vater	55	POR	NO	POR
Henke	Kwikmixer	NO	NO	148.50
Int. Harv.	200	1670.00	NO	NO
Int. Harv.	300	1870.00	NO	NO
John Deere	410	POR	NO	POR
Kelly Ryan	BIG Bagger 8',9'	NO	NO	176.00
Kelly Ryan	2W-80,86 AG-PAC	POR	NO	176.00
Kelly Ryan	4x10,12	POR	POR	POR
Kelly Ryan	5x12,14	POR	POR	POR
Kelly Ryan	140,190,250	POR	POR	POR
Koehring (Fox)	512	398.00	410.00	NO
(Fox-Brady)	548	998.00	NO	NO
Knight	LA9C, BA12 BA14,BA16	NO	NO	199.50
Mohrlang	MTR 320	POR	POR	POR
Papec	1708	POR	460.00	POR
Schuler	100	390.00	522.00	NO
Schuler	105	420.00	526.00	NO
Schuler	120	415.00	522.00	NO
Schuler	125	548.00	526.00	NO
Schuler	170	504.00	552.00	NO
Schuler	175	776.00	526.00	NO
Schuler	260	942.00	666.00	NO
Schuler	400	1149.00	666.00	NO
Schuler	500	1349.50	666.00	NO
Schwartz	130	POR	398.00	NO
Schwartz	180	POR	POR	NO
Schwartz	191	POR	POR	NO
Schwartz	750,950	NO	NO	206.00
Schwartz	760,780	NO	NO	298.00
Schwartz	780L	NO	NO	253.00
Schwartz	780S	NO	NO	206.00
Schwartz	880	NO	NO	255.00
Uebler	650	POR	NO	66.00
Uebler	770	POR	NO	64.00
Uebler	780,781	91.50	NO	64.00
Uebler	790	POR	NO	62.50
Uebler	808	78.50	NO	NO
Uebler	810	79.75	NO	NO
Uebler	812	88.50	NO	NO
Uebler	818	175.00	NO	NO
Uebler	820	298.00	NO	NO
Uebler	822	364.00	NO	NO
Van Dale	185	POR	NO	169.50
Van Dale	210-500	NO	NO	196.60
Weaverline	323,420	68.50	NO	NO
Weaverline	330,424	84.50	NO	NO
Weaverline	430	68.50	NO	NO
Wic	32	POR	NO	POR
Wic	45-03-88	348.00	NO	NO
Wic	45-08-86	85.00	NO	POR
Wic	45-09-86	74.00	NO	POR
Wic	52	170.00	NO	POR
Wic	07-88	182.00	NO	NO

FORAGE BOX CONVEYOR CHAIN

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A-C		POR	POR	—	—
Artsway	17142-0	316.29	424 35	—	—
Badger	BN23 16'	POR	POR	123 86	201.30
Badger	BN24 18'	326.53	437.97	POR	POR
Badger	BN950 14'	POR	POR	POR	POR
Balzer	6516	276.91	37129	POR	POR
Danco	16'	320.67	428.36	108 31	184.28
Dion	14'	312.40	419.63	—	—
E-Z	716	—	—	101.88	172.38
Fox	WB 16A	POR	POR	POR	POR
Fox	325	POR	POR	POR	POR
Fox	625	307.81	414.79	POR	POR
Gehl	80,81,82	272.70	367.46	POR	POR
Gehl	83,84,86	272.70	367.46	POR	POR
Gehl	610,620,630 640,16'	312.93	420.79	POR	POR
Gehl	700,710,810	285.66	381.14	POR	POR
Gehl	910,920,940, 960,14' 970 16'	320.05	410.82	POR	POR
H&S	500 16'	309.04	416.08	POR	POR
Heston	7322 16'	317.61	425 13	POR	POR
Int. Harv.	51 16'	426.54	540.11	129.12	222.46
Int. Harv.	105,110, 16'	306.73	415.76	—	—
Int. Harv.	120,14'	279.61	374.15	—	—
Int. Harv.	130,15'	288.36	383.31	—	—
Int. Harv.	61	286.52	384.88	—	—
J. Deere	110	508.53	590.66	115.76	199.36
J. Deere	112,122	227.64	306.98	129.12	222.46
J. Deere	115,125	281.39	378.12	129.12	222.46
J. Deere	214, 14'	270.70	364.74	146.72	248.18
J. Deere	216 16'	307.51	414.47	146.72	248.18
J. Deere	714	277.72	372.15	146.72	248.18
J. Deere	716	315.46	422.86	146.72	248.18
Kasten	20 14'	272.59	366.74	—	—
Kasten	Pwr. Box 16'	309.65	416.73	—	—
Knight	14-7	236.61	316.79	119.67	197.70
Lamco	Rex 14'	262.58	POR	96.93	164.84
May. Ferg.	23 14'	POR	POR	POR	POR
Meyers	516	325.58	431.34	POR	POR
Miller	Pro 2150	285.50	381.24	POR	POR
NH	3	153.45	309.10	136.36	225.78
NH	6	273.46	369.13	110.84	160.32
NH	8	314.55	421.90	113.54	185.92
Papec	140	279.50	377.45	—	—

SINGLE CONVEYOR CHAIN



w/Rubber Paddle to 5/8"

$6.28

(For Butler, Jamesway, Clay, Etc.)

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT.
25	$1 06
32	1.10
32W	1.20
42	1.20
50H	1.30
55	1.27
62	1.79
67H	2.43
67XH	3.09
70	2.64
88	2.98
S	2.52

GATHERING CHAIN

MAKE	MODEL	PRICE
JOHN DEERE	243,244,343 344,443,444, 543,546,642, 643,644,645, 842,843	$25.20
IH	All 800 Series	25.20
New Idea	723-726 843-846	40.49 35.10
Massey Ferg		30.18

ROLLER CHAIN

Chain No.	Riv.	Cot.
35	.83	—
40	.83	—
50	1.37	—
50H	2.43	—
60	1.86	$3.71
60H	2.13	4.61
80	3.39	4.58
80H	5.61	6.66
100	5.83	6.89
120	8.16	9.60

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT.
A550	4.48
A555	4.48
A557	5.87
A620	5.28
CA550	4.48
CA551X	8.26
CA555	4.48
CA557	5.87
CA620	5.06

T-BAR CHAIN & T-ROD CHAIN

MODEL	PRICE
T67 Plain	$.85
T-67 Attach	1.86
T-88 Plain	1.46
T-Rod Plain	.80

PINTLE CHAIN

CHAIN NO.	PRICE
205	$3.06
662	3.70
667H	3.60
667J	5.80
667K	7.22
667KC	8.98
667X	5.26
667XC	6.26

NH FLOOR BALER CHAIN

MODEL	PRICE
845	$52.40
846,847	58 98
850	85 22
851,852	71.93

NH UPPER BALER CHAIN

MODEL	PRICE
845	$364.58
846,847	382.79
849	605.01
850	426.01
851,852	522.75
855	972.53

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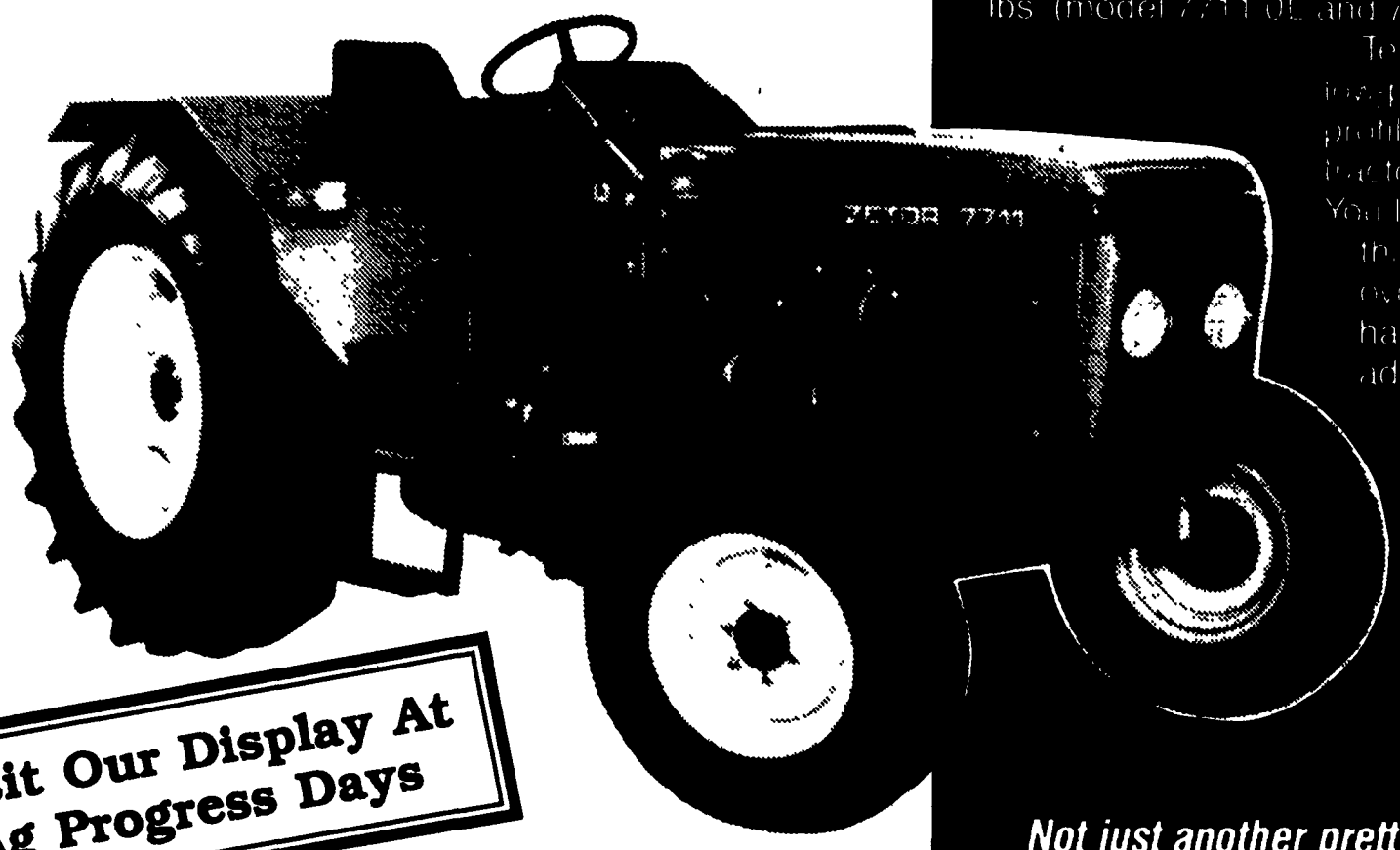

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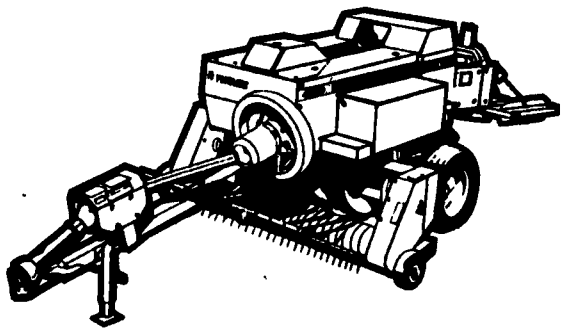

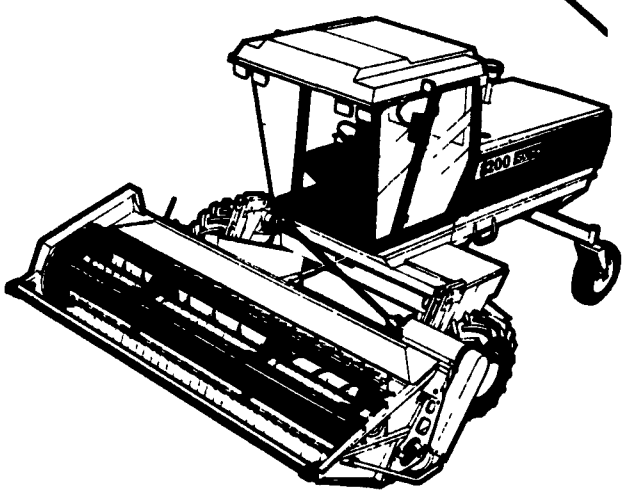

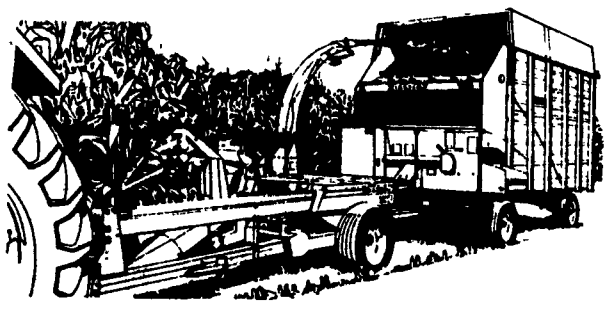

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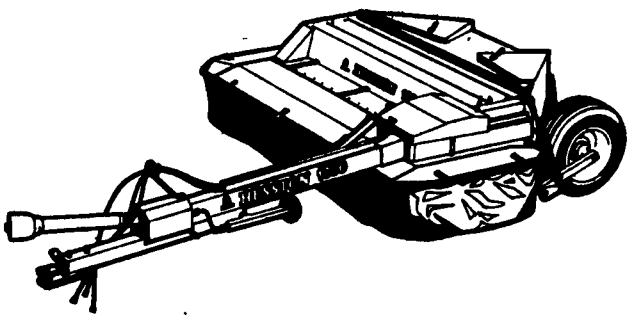

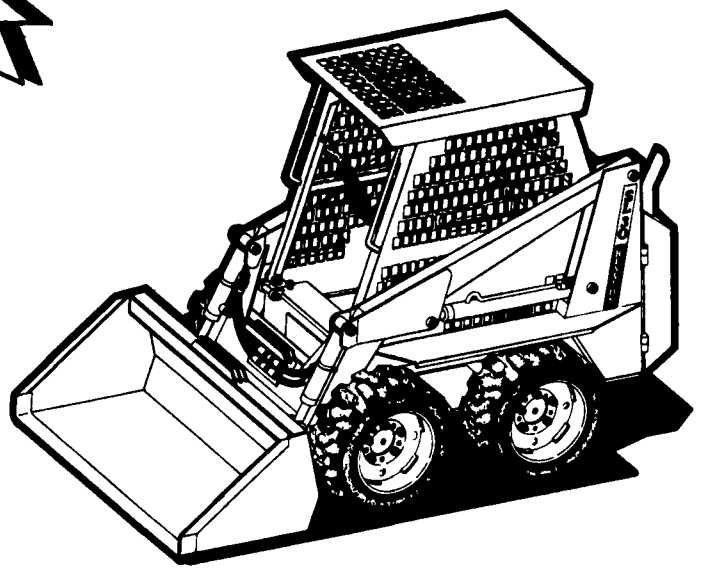

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Ultrasound Available From Swine Improvement Services

SHIPPENSBURG (CUMBERLAND CO.) — Experience has a way of providing valuable insight into problems. Specialized experience, particularly in the areas of pork and swine production, can help make a good owner/operator the best. Using state-of-the-art ultrasound technology, Swine Improvement Services can help producers make informed decisions about the growth of their operation.

"Pork producers and breeders each have their own unique production goals as well as individual set of problems," said Mike Cherchuck, field representative for SIS. "I think it's important that a producer know he is working with someone who recognizes his needs and is willing to work on a one-on-one basis toward his specific production goals," he said.

Specialized experience in the swine industry is what he offers. Cherchuck has worked closely with Dr. James Stouffer, professor emeritus of animal science at Cornell University, a pioneer in the field of livestock ultrasonic scanning in conducting fat and meat testing.

He is a swine specific affiliate authorized by Premier Livestock Ultrasonic Services (PLUS) in the country to utilize its ultrasonic scanning equipment to scan for percentages of backfat and thickness of the loin-eye area, which produces the popular pork chop.

"Ultrasound gives a true representation of the total crossection area of the loin-eye," said Stouffer. "I think that use of ultrasound technology in the industry will come along very soon."

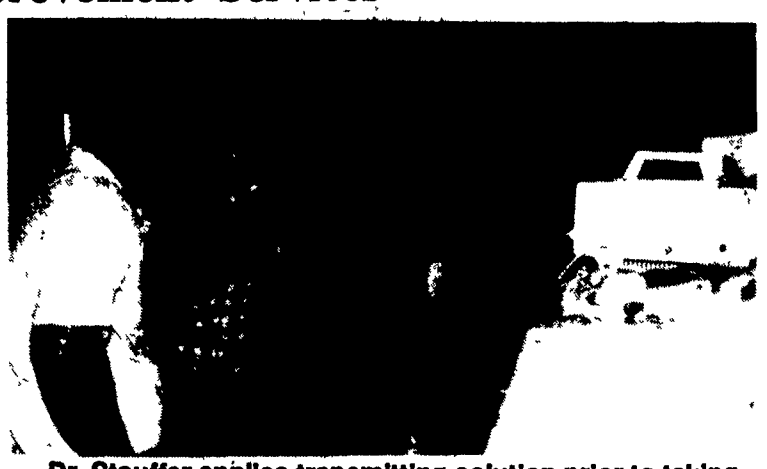
Stouffer, known as "the grandfather of animal ultrasound," developed the first scanning device for animals in 1968. He has perfected the process in conducting on-farm, in pen evaluations that have yielded 95 percent accuracy rates in measuring external fat and loin-eye areas. The Michigan Livestock Exchange is currently utilizing ultrasound technology provided by Stouffer, who recently traveled to Australia and Southeast Asia to lecture and demonstrate the use of ultrasound technology in live animal evaluation.

"The idea is to obtain, interpret and transfer animal characteristics and information gained from scanning and provide it to producers, feed company operators and veterinarians," said Cherchuck, an agriculture major at Penn State University.

Cherchuck has incorporated ultrasonic technology into the "feeder" or independent supplier nature of Swine Improvement Services Inc. to help Keith Loy, a Schuylkill County pork producer, fine tune his operation.

Loy, 29, maintains 200 sows on his Pine Grove RD 3 farm, and believes intensive management practices, with the use of ultrasound technology, can help maintain a producer's competitive edge. "To remain competitive in today's industry, producers must be able to locate breeders that have solid genetic traits and consumers who are looking for leaner cuts of meat at the grocer," he said.

"Our goal is to help identify and establish reasonable and realistic objectives through sound management planning, and consistent production levels and greater control and flexibility," said Cherchuck. For more information, call the Swine Improvement Service, at (717) 534-9778 or write SIS, Box 209, Route 1 Shippensburg, PA 17257.



Dr. Stouffer applies transmitting solution prior to taking an ultrasound reading.

Venango County Fair Set For Next Week

FRANKLIN (Venango Co.) — The 33rd annual Venango County Fair will officially open on Tuesday, August 15, at 7:30 p.m. in the Kiwanis Bowl. The event will kick off with the presentation of colors by the county horse clubs. The 4-H band will present a patriotic program, and all local and county elected officials will be recognized.

A calvacade of fair entries including draft horses and cattle will conclude the ceremony, which also will feature the 4-H King and Queen.

Tuesday will be Exchange Bank day and also will feature the beef show at 9:00 a.m. and exhibits will open for viewing at noon and close at 7:00 p.m. Other events on Tuesday include a pet show at 4:00 p.m., draft horse judging at 5:00 p.m., and at the Barnyard Cafe, the Oil Valley Sweet Adelines at 7:00 p.m. followed by the Pine Valley Boys, the baked-goods auction, and Wildwood Express.

The 4-H market hog show will start at 8:00 a.m. on Wednesday. Other shows will be the 4-H horse show, open and 4-H sheep show, and the senior dairy fitting contest.

The floral demonstration will begin at 12:30 p.m. at the Runninger Hall, while the craft demonstration at Foster Hall begins at 1:00 p.m. and lasts until 4:00 p.m. Wednesday's entertainment includes The Catskill Puppets at 2:00 and 8:00 p.m. at the Barnyard Cafe with the Venango Barbertones at 7:00 p.m. and the Country Wranglers at 9:00 p.m. The Joel Miller "DJ" Dance is scheduled for 8:30 p.m. at the Phillips Arena.

Thursday brings the 4-H horse show, 4-H and open goat show, 4-H dairy fitting and showmanship contest, 4-H and open dairy show, and the 4-H livestock auction. The Keystone Traditional Country Music will take center stage at the Barnyard Cafe at 9:00p.m.

The events for Friday include beef breeding at 9:00 a.m., maple sugaring at 11:30 a.m., 3:00 p.m., and 6:30 p.m., a magic show at 1:00, 4:00, and 7:00 p.m., and barnyard olympics at 6:30 p.m. in the Phillips Arena. The Franklin Silver Cornet Band comes on at 7:00 p.m., while the group, "Borderline" is on at the Barnyard Cafe at 9:00 p.m.

Another feature on Friday is Big John's pig races, which take place at 3:00, 6:00, and 8:00 p.m.

The 4-H Champion livestock drop begins at 10:00 a.m. on Saturday, with the Royal Tooters on stage at the Barnyard Cafe at 1:00 p.m. The Small Top Circus goes on at 3:00 and 5:00 p.m., and 4-H awards will be presented at 7:00 p.m. in the Phillips Arena. The farm tractor pull is set for 7:30 p.m.

Reading Fair Invites Dairy Competition From Other Counties

READING (Berks Co.) — For the first time since 1980, the Reading Fair is inviting 4-H, FFA, youth and open class dairy exhibiters from surrounding counties to exhibit at the 1989 fair. Those counties invited to participate include Chester, Lancaster, Lebanon, Lehigh, Montgomery, and Schuylkill counties.

Entry forms, premium books, and other information on classes can be obtained from A. Wayne Readinger, agricultural livestock superintendent, at 40 Forgedale Rd., Fleetwood, PA 19522 or calling 215/987-6160.

Entries will be accepted on a first-come basis and must be sent in by August 18. The fair is held in back of the Fairground Square Mall and in the Mall along the 5th Street Highway or Route 222 north of Reading.

The dates of the fair are September 18 to 23. All cattle must be at the fair by Sunday evening, September 17, by 8:00 p.m., and remain until Saturday, September 23, at 4:00 p.m.

Dairy fitting and showmanship contests for 4-H and FFA members will be held Tuesday, September 19 at 6:30 p.m. Holstein judging is Wednesday, September 20, at 9:30 a.m., and the colored breeds will be judged on the same day at 2:00 p.m.

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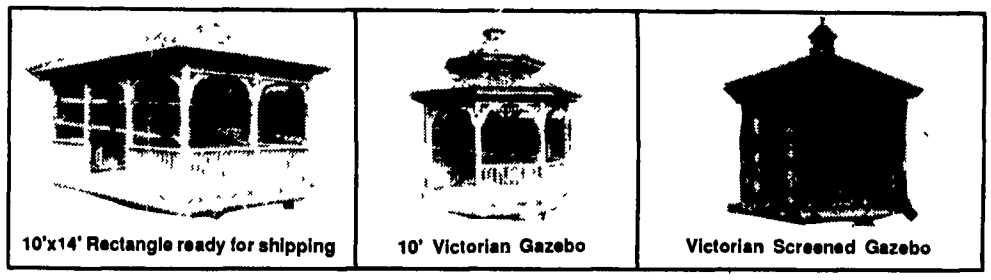

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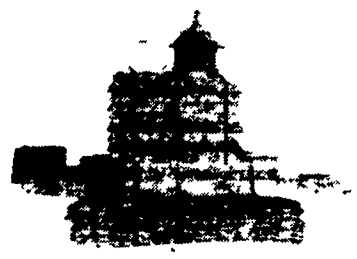

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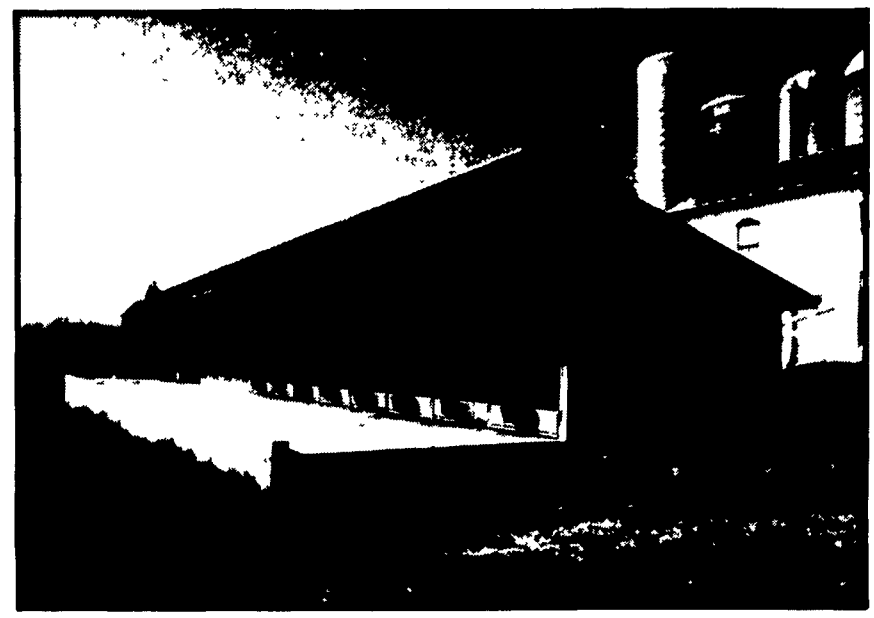

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dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

June 1989

1141 lbs. BF and 27,710 lbs. milk was produced in 305 days by Golden, a 4 year old Holstein owned by Jim & Holly McCaffree, R.D.#1 Box 293, Delta, PA. Second high was 29, a 5 year old Holstein who produced 1009 lbs. BF and 25,050 lbs. milk in 305 days, owned by Woodbine Farms, R.D.#1, Airville, PA 17302.

High herd was Smysers Richlawn Farms, 2691 East Berlin Rd., York, PA, with 74 cows producing 26,340 lbs. milk and 841 lbs. BF. Second high was Jim & Holly McCaffree, R.D.#1 Box 293, Delta, PA, with 58 cows producing 22,112 lbs. milk and 829 lbs. BF.

* Jim & Holly McCaffree milk 3 times.

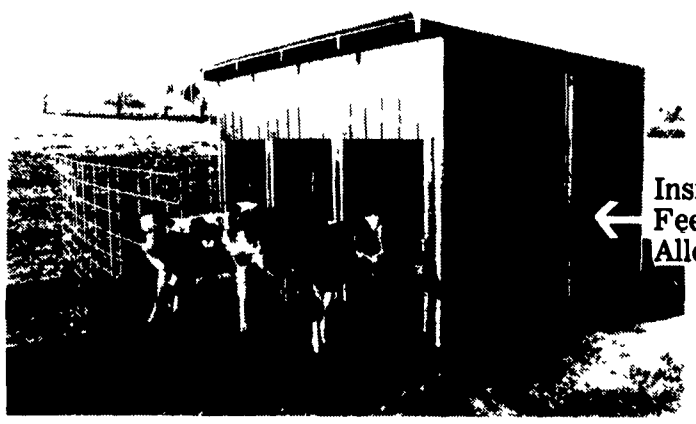
Name	Brd.	No. Cows	% Days In Milk		Milk Lbs.	Fat Lbs.
Smysers Richlawn Fms	3	74.2	88.7		26,340	841
Jim&Holly McCaffree	3	58.3	87.2		22,112	829
Lynn Wolf	3	76.1	90.0		22,991	805
Rutters	3	11.9	84.5		19,104	801
HS & RE Fetrow	3	86.6	88.7		22,971	768
Beshore Farms	3	49.2	87.1		20,688	768
Sinking Spring Fm Inc	3	66.6	88.2		19,923	744
Thomas A Boyer	3	47.3	86.0		19,928	744
Ramsey S Cooper Jr	3	62.7	87.6		18,928	739
Dan & Patti Hushon	3	46.5	88.0		20,861	732
B Robert Charles	3	50.0	83.1		19,164	720
Wayne E Myers	3	53.0	87.7		19,477	716
Shelbud Holsteins	3	91.7	90.2		19,584	715
William Myers	B3	53.3	87.7		19,065	695
Four-Co Farm	3	52.1	86.4		19,936	694
Leonard Greek	3	49.2	89.1		18,604	688
Melvin R Lehr	B3	49.3	84.7		18,437	685
McRal Dairy Farm	B3	262.2	88.1		19,104	684
Spring Meadow Farm	4	9.2	89.1		13,761	677
Rutter Bros	2	69.1	88.9		14,556	677
Walnut Hill Farm	B3	51.0	86.1		18,540	676
Edwin L Calhoun	B3	54.5	88.0		18,532	674
Albert Dehoff	B3	145.1	89.2		18,493	671
Mervin W Hertzler	2	62.2	88.5		14,750	670
Gary W Thoman	3	54.9	85.1		18,597	669
Melvin + Barb Marks	3	48.4	84.9		19,255	669
Leroy E Walker	B3	17.6	87.4		19,339	668
Woodbine Farms	3	141.8	83.3		17,567	666
Earl Fuhrman	B3	83.3	88.6		19,210	665
RR & MR Stewart	3	57.9	89.2		17,210	662
Robert W Mays	B3	64.3	86.8		17,414	656
Elvin G Molison	B3	152.2	87.1		17,539	652
Gum Tree Farm	3	49.3	87.5		18,665	651
Furnace Creek Farm	3	121.9	85.7		17,929	646
Leaspring Farm	3	57.6	87.1		18,148	643
Bupplynn Farms Farm 2	B3	65.1	88.2		18,552	643
Elvin R Deiter	G3	59.5	86.7		17,698	642
David Gemmill	B3	98.0	85.6		17,632	641
Dale E Ranck	B3	38.1	86.6		17,580	639
David Stewart	3	114.0	92.2		16,428	637
Robt Baumgardner Jr	B3	64.3	87.8		18,393	629
VE&MB Hushon	G3	71.7	87.5		17,423	629
Rodman C Thompson	3	69.2	87.0		17,440	626
T Edwin Johnson	3	83.3	87.0		15,790	625
Smokey Hollow Farm	G3	45.6	79.5		17,804	620
Eisenhart Bros	B8	100.2	88.6		15,943	619
Kevin S Holtzinger	B3	221.5	85.7		16,703	618
J Donnell Taylor	B3	140.3	85.8		17,388	618
Harold Brown	3	65.1	85.2		17,685	616
George Innerst&Sons	B3	116.1	87.6		16,877	614
Wayshar Farm	B3	82.2	86.6		16,358	613
Perrydell Farms	B3	168.7	85.2		17,473	613
Deal Holsteins Farm	B3	126.6	87.7		16,385	607
Double D Farm	G3	109.1	83.1		15,742	601
Applehurst Farms	B3	34.0	88.7		16,311	589
Dale & Darla Doll	3	81.3	87.8		16,761	587
Kenneth L Rexroth	B3	145.9	86.0		15,549	584
John C Krone	B8	46.6	87.7		15,584	582
R & M Farms	B3	74.0	84.8		16,282	580
Galen Hess	G3	75.4	86.1		15,458	579
John Dietz	B4	22.8	85.5		11,970	579
Myron R Pomraning	G3	56.5	85.5		15,889	578
Keith A Shaffer	3	44.9	86.2		15,735	577
Earl Fuhrman Farm 2	3	44.2	83.0		16,799	573
Doug & Gene Kilgore	B3	67.4	87.2		15,934	571
William-Robert Fantom	B3	69.4	86.7		15,725	571
Ellis Crowl	B3	69.5	86.4		15,314	568
Circle Creek Hol	B3	47.5	87.1		15,271	567
Charles Herr & Son	B3	44.6	84.5		14,957	566
Elwood T Krick	B3	98.9	90.1		14,992	566
Emory & Wm Kilgore	B3	63.0	83.8		15,582	561
Dennis J Myers	B3	46.7	86.5		17,483	561
Cool Branch Farm	B3	83.5	87.9		15,526	554
David L&Chris Druck	B3	68.4	77.8		16,136	551
Donald Lanius	G2	73.2	90.0		11,283	550
Howard G Taylor	B8	76.7	86.9		14,626	550

Lactations

Woodbine Farms						
Val	3	9-6	305	19,138	4.4	852
Mitsy	3	8-3	305	20,553	4.0	837
29	3	5-4	305	25,050	4.0	1009
#Candy	2	4-11	305	27,265	3.4	927
#397	3	3-2	305	16,490	4.0	670
99	3	6-6	305	21,504	4.2	914
116	2	5-1	305	21,991	3.8	836
462	3	2-6	305	21,537	3.2	705
William-Robert Fantom						
Janis	3	8-11	305	17,051	3.9	666
Ellis Crowl						
Y-256	3	5-8	305	20,233	4.0	810
Y-331	3	3-11	305	20,082	3.2	652
Y-356	3	3-3	305	16,849	4.3	731
Sinking Spring Fm Inc						
Louise	3	10-11	305	21,771	3.2	697
Sal	3	8-6	305	20,138	3.8	781
Molly	3	6-7	305	22,951	3.3	757
Lily	3	4-6	305	22,881	3.4	788
Camilla	3	4-2	305	19,967	3.9	783
Winona	3	3-5	305	21,749	3.1	687
Jade	3	2-1	305	16,908	3.9	663
Rutter Bros						
Ronni	2	3-3	305	13,302	4.9	663
Beshore Farms						
Mindy	3	7-11	305	21,902	3.8	848
#Lindy	3	7-0	290	20,766	3.1	661
Tweedle	3	5-1	302	22,454	3.8	864
Gum Tree Farm						
Jed	3	4-3	248	20,501	3.3	691
Komet	3	2-8	305	18,201	3.7	687
Albert Dehoff						
362	3	9-1	305	16,392	4.2	699
139 A	3	5-10	305	20,907	3.2	674
*16 B	3	4-6	292	17,510	4.0	709
46 B	3	4-2	305	17,705	4.0	712
73 B	3	3-10	244	26,660	3.1	832
125 B	3	3-1	244	17,238	3.9	678
166 B	3	2-1	305	19,739	3.4	682
172 B	3	2-1	305	18,992	4.0	764
Elwood T Krick						
92	3	4-7	305	19,554	3.5	697
W76	3	6-2	305	18,145	3.8	694
Doug & Gene Kilgore						
Bessie	3	4-1	305	18,024	3.6	662
Thomas A Boyer						
Sophie	3	4-1	305	23,009	3.3	775
HS & RE Fetrow						
Betty	3	7-5	305	26,379	3.2	859
Sandy	3	3-5	305	24,531	3.0	749
Linda	3	2-5	305	23,807	3.4	810
Princes	3	2-3	305	19,682	3.5	705
Rodman C Thompson						
Dawn	3	7-1	305	20,790	3.6	767
VE & MB Hushon						
94 J	3	3-4	305	21,840	3.6	790

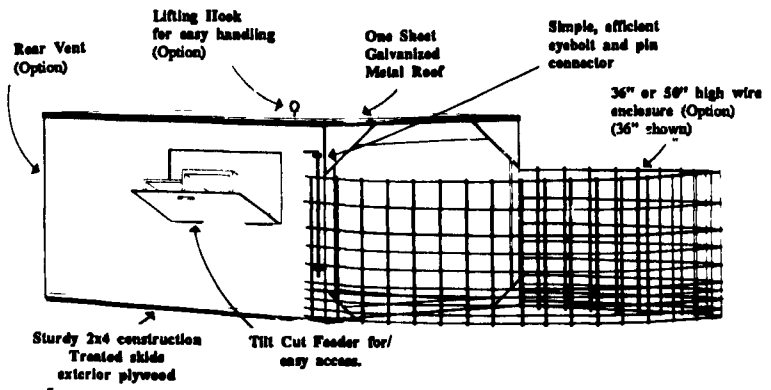
(Turn to Page E31)

CALF KENNELS



Same Advantages As Hutches, w/Inside Feeding

Compare the Stoltzfus Woodwork Calf Hutch


Lifting Hook for easy handling (Option)
Rear Vent (Option)
One Sheet Galvanized Metal Roof
Simple, efficient eyebolt and pin connector
36" or 50" high wire enclosure (Option) (36" shown)
Sturdy 2x4 construction Treated skids exterior plywood
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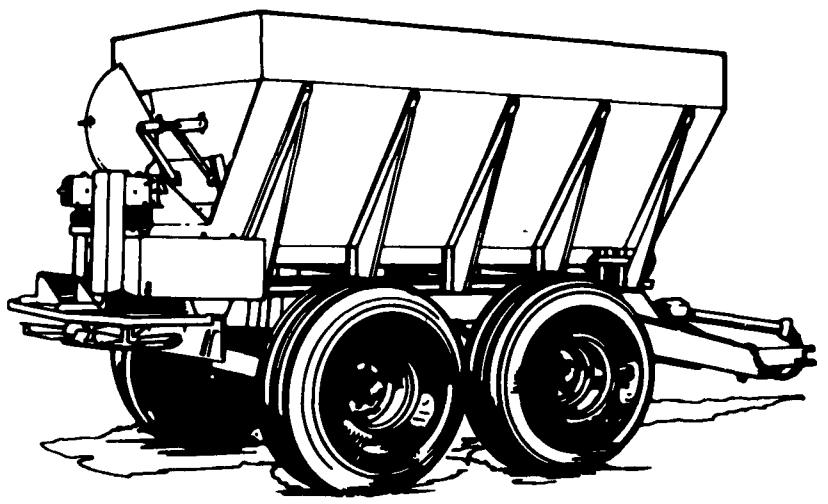

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See What's New At Ag Progress

York Co. DHIA

(Continued from Page E30)

RR & MR Stewart						
*Paulte	3	7-6	305	16,841	3.9	671
Jabbers	3	6-11	305	20,085	3.2	652
Jem	3	4-5	305	14,322	5.0	716
Smysers Richlawn Farms						
Panda	3	9-3	305	23,203	3.3	767
Jessica	3	4-3	305	26,351	2.7	717
Dusty	3	4-0	305	21,488	3.9	847
Leroy Bupp						
Elda	3	5-1	305	18,604	3.7	699
Melvin R Lehr						
9	3	4-0	305	17,819	3.6	652
42	3	5-3	305	17,469	4.0	708
Wayshar Farm						
Buffy	3	4-5	305	19,118	3.8	726
J Donnell Taylor						
Alice	3	4-10	305	18,759	3.5	670
Marie	3	4-10	305	19,061	3.5	678
Pam	3	3-2	305	20,166	3.5	724
Smokey Hollow Farm						
90	3	8-7	305	21,145	3.1	675
7	3	6-9	305	18,692	4.9	932
*49	3	4-6	305	19,454	3.7	733
129	3	3-1	305	21,861	4.0	892
Mervin W Hertzler						
Charity	2	6-11	305	14,128	4.9	696
Tamanth	2	4-6	305	15,319	4.2	653
Lynn	2	4-4	305	16,982	4.5	770
Heather	2	3-1	305	15,971	4.9	787
Edwin L Calhoun						
Glider	3	3-11	305	22,890	3.4	778
Helen	3	3-3	305	17,187	4.0	702
Itter	3	2-1	301	17,038	3.8	657
Circle Creek Hol						
Fancy	3	3-1	305	15,584	4.3	670
Robert W Mays						
54	3	2-11	305	17,210	3.9	675
David L & Chris Druck						
119	3	8-4	305	20,953	3.3	703
Robt Baumgardner Jr						
108	3	2-7	305	16,912	4.2	712
Perrydell Farms						
36	3	5-11	305	23,212	3.7	872
213	3	4-3	305	21,843	4.0	889
59	3	3-3	305	24,344	3.4	840
95	3	2-0	305	18,009	4.0	721
120	3	2-1	304	16,438	4.0	673
David Stewart						
Dell	3	4-7	305	16,539	4.1	682
Myron R Pomraning						
78	3	7-11	305	17,374	4.2	740
David Gemmill						
86	3	5-3	305	22,011	3.3	741
Double D Farm						
8	3	3-11	305	16,837	3.9	666
Deal Holsteins Farm						
276	3	4-2	203	15,527	4.2	659
294	3	3-3	305	16,476	3.9	650
Keith A Shaffer						
Alma	3	6-4	305	17,416	4.5	791
George Innerst & Sons						
40	3	4-1	305	19,859	3.2	654
160	3	3-1	305	19,834	3.5	710
Jim & Holly McCaffree						
Kirstin	3	6-7	285	26,646	3.7	985
Tiffany	3	5-6	278	23,402	3.5	837
Golden	3	4-8	305	27,710	4.1	1141
Parfait	3	3-11	298	24,780	3.6	901
Lemon	3	3-6	305	24,508	3.6	891
Teresa	3	2-0	305	22,503	3.3	749
Maggie	3	2-1	305	18,099	4.1	748
Dee	3	6-3	285	20,944	4.5	960
Dan & Patti Hushon						
Terri	3	2-11	305	17,048	3.9	677
Steve W Sydor						
26	3	6-2	298	17,037	4.0	693
Shelbud Holsteins						
Perttie	3	4-10	305	19,794	3.9	787
Celeste	3	3-3	305	16,310	4.1	670
Peppie	3	3-0	305	19,163	4.0	766
Xie	3	2-2	305	15,083	4.3	659
Galen Hess						
201	3	3-7	305	15,933	4.2	679
Melvin + Barb Marks						
Jena	3	3-4	305	18,588	3.9	741
James W Miller						
4	3	3-0	305	16,879	4.1	702
Four-Co Farm						
Robin37	3	12-6	247	19,186	3.7	716
Lass	3	7-6	301	20,007	3.6	730
Olga	3	5-3	305	22,217	3.7	838
Shangri	3	4-3	305	19,999	3.7	742
Sandy	3	6-8	305	23,088	3.4	790
Rebecca	3	5-1	305	24,412	3.1	757
Spring Meadow Farm						
Rita	4	3-9	299	15,742	5.0	796
Kevin S Holtzinger						
244	3	6-6	305	21,792	3 5	782
298	3	5-8	305	18,606	3.6	671
299	3	5-8	305	16,317	4.1	671
481	3	4-6	305	19,420	3.7	732
557	3	3-4	305	15,531	4.4	690
562	3	3-4	305	16,894	4.0	681
568	3	3-0	305	21,622	3.3	713
569	3	3-3	288	16,662	4.0	673
816	3	3-0	305	17,909	4.1	738
885	3	4-9	280	16,656	3.9	653
Dale E Ranck						
Muffin	3	6-10	305	17,879	3.9	702
Kathy	3	3-0	305	19,739	3.3	659
Mary	3	4-10	305	20,119	3.3	675
Winney	3	3-2	305	17,151	4.1	710
McRal Dairy Farm						
552	3	4-4	305	23,006	3.4	789
586	3	3-11	305	16,025	4.2	680
612	3	3-5	305	21,270	3.9	840
649	3	3-1	305	21,286	3.8	818

(Turn to Page E32)

HEAT STRESS?

ARE YOU SEEING THE EFFECTS?

① Low Butter Fat
② Breeding Problems
③ Thin Cows
④ Lower Production

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Container Growing Topic Of Meeting

THOMASVILLE (York Co.) — All nurserymen are invited to the container nursery site of Strathmeyer Forests on Thursday, August 17, for a meeting on container media selection.

Beginning at 9:00 a.m., the meeting will present information on container growing and the influence containers have on plant growth. The material will be presented by Larry Kuhns and Alan Michael.

Nurserymen also will have the opportunity to observe and evaluate 18 different mixes including Glatcolite, peat, sand, pinebark, leafmold, Mopac, Earthlife, Sunshine-Mix, and Pro-Mix.

Coffee will be served at 8:45 a.m., and the meeting should conclude by 11:30 a.m. Call 717/921-8803 to register There is a $5 fee payable at the door. Make checks payable to Agri. Extension Special Fund. The meeting site is located five miles west of York on Route 30 near the airport.

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Snyder Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

June, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Tim-Laurie Hackenberg	3	45.4	92.2	22,168	870
H L Narehood & Sons	B3	58.5	90.7	20,484	844
Pasture Green Farm	3	35.7	86.5	22,800	827
Sauderdale Farm	B3	51.7	90.3	21,139	812
JL & CL Shaffer	3	34.6	91.7	21,075	808
Glenn & Barb Carper	B3	57.1	87.4	21,630	785
David T Ulmer	3	58.5	88.1	21,328	781
Randolph A Hoffman	3	34.6	84.1	22,096	767
Jesse J Yoder	B3	71.7	88.0	20,975	765
Fisherdale Farm	B3	69.8	91.3	20,041	760
Joseph & Grace Blank	B3	56.4	82.2	20,454	744
David Apple and Son	B3	59.8	87.5	19,216	743
Sheldon&Sue Shaffer	G3	31.6	89.2	20,457	740
Michael & Deb Ewing	B3	42.3	87.5	19,358	718
Kenneth Alderfer	B3	41.7	86.8	20,286	711
Richard+Betty Weller	B3	47.4	92.6	18,223	708
Clayton R Graybill	3	49.1	88.4	17,471	703
George Stoltzfus	3	36.5	84.2	21,050	698
D&N Hornberger	B3	30.9	87.8	22,134	698
Leire Fry & Sons	B3	123.6	87.6	18,275	686
John M Kurtz	B3	37.8	88.7	18,338	676
Lee & Sandra Shaffer	B3	92.7	87.5	17,990	663
Mabarbil Farms	3	95.6	89.4	19,472	662
Jerry W Rice	B3	24.9	86.6	17,771	660
Gary W Crebs	B3	39.8	87.0	17,808	657
Michael&Mary Hauck	B3	59.9	86.9	17,341	652
JH & GL Hassinger	3	19.6	88.7	18,379	652
Tim+Arlene Yoder	3	35.2	87.6	17,930	651
Ronald B Reich	3	35.3	90.8	17,913	651

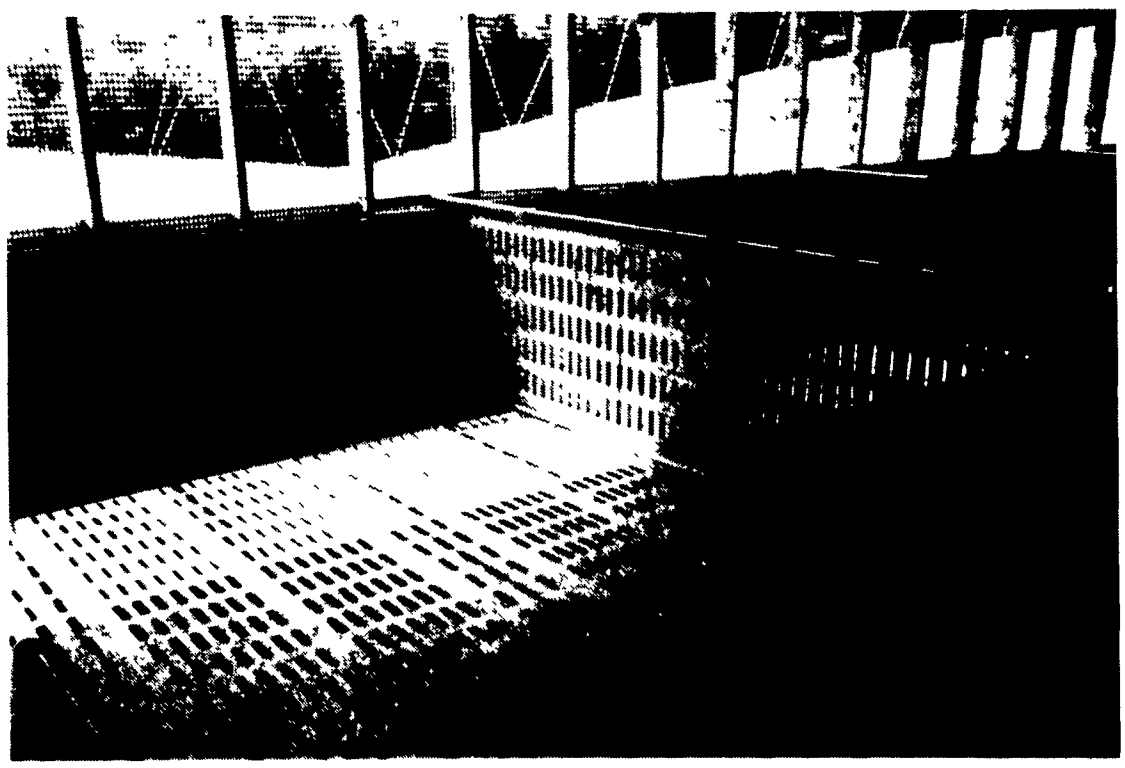
York Co. DHIA

(Continued from Page E31)

654	3	3-1	305	20,708	3.6	752
645	3	3-1	305	14,675	4.6	686
667	3	3-0	305	18,916	3.5	679
666	3	3-0	305	20,638	3.7	774
672	3	3-0	305	19,221	3.9	763
765	3	2-1	289	17,456	4.3	753
Eisenhart Bros 369	3	7-3	305	22,238	3.5	795

TRIPLE H Construction

See Us At Ag Progress Days on West 11th Street



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• Available in sizes: 48" wide x 42" high x 1½ " thick (Solid 24" x 42" high) or 48" wide x 36" high x 1½ " thick (Solid 24" x 36" high)

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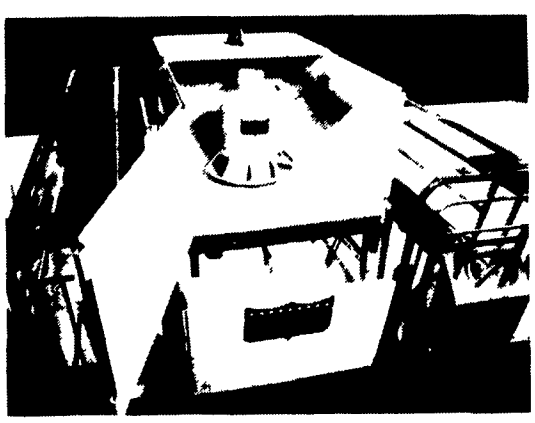
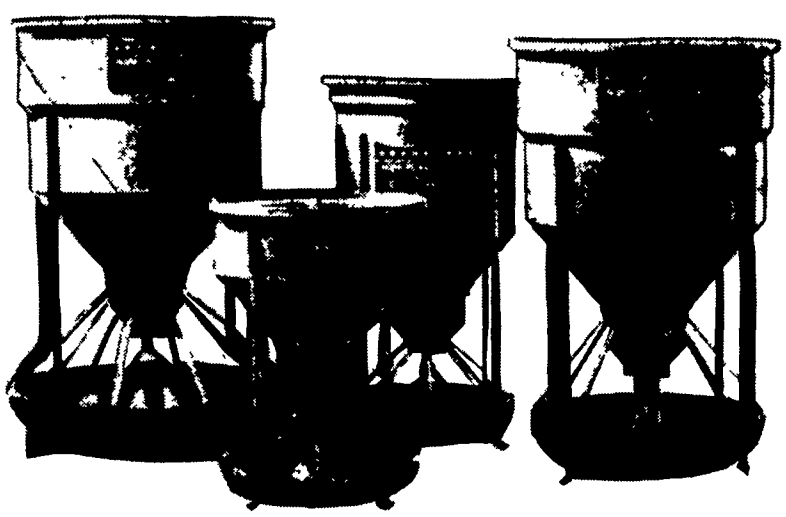


Quickly Cleaned - 2½ x4, 3x4
Free Standing or Mounts Between Farrowing Crates



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- Milk Replacer Feeders
- Intensive Care Decks
- Nursery Decks
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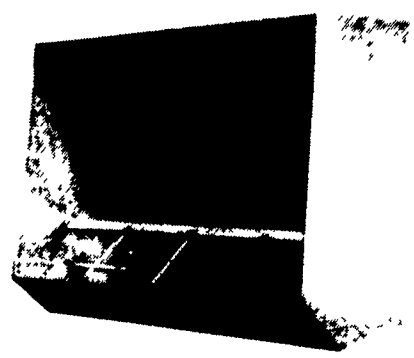

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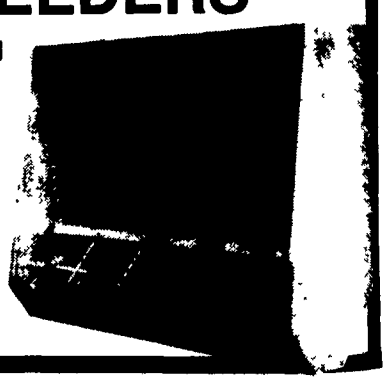
- Unique Top Adjusting Feed Gates - With Locks



Ask About Special Ag Progress Discounts On All Products On Display!

Farm And Fire Safety At Ag Progress Days

UNIVERSITY PARK, PA — A living room that catches on fire, families and paramedics responding to farm accidents, a tractor that turns over and a dangerous corn picker will add to the excitement at this year's Ag Progress Days.

More than 8,000 farm accidents occur yearly in Pennsylvania. The farm and fire safety exhibits at Ag Progress Days are designed to teach visitors how to avoid and respond to accidents caused by fire and machinery and to show how emergency crews rescue accident victims.

The fire safety exhibit includes a large trailer with a side enclosed by plexiglass. Inside, a simulated living room is set on fire. A sprinkler system will automatically extinguish the fire, demonstrating both the speed at which a fire spreads and the damage that can be avoided with an automatic sprinkler system.

The fire trailer will be located near the Theme Building. Three daily exhibits are planned, at 10:30 a.m., 1:30 p.m. and 3:30 p.m.

The Agricultural Emergencies demonstrations will combine the First-on-the-Scene and the Agricultural Accident and Rescue programs. For the first half of the exhibit, Dr. Dennis Murphy, Penn State associate professor of agricultural engineering and coordinator of the exhibits, will explain what farm family members and neighbors can do when they find a farm accident victim.

For the second half, trained rescuers will simulate a rescue at a farm accident. Both demonstrations preview the more extensive educational programs that the College of Agriculture offers. They will take place in front of the bleachers near the Agricultural Emergencies Tent on E. 8th St. Two shows will run each day at 11 a.m. and 2 p.m.

Near the Theme Building, a scale model of a farm tractor will show common rollover problems. "We'll set up situations that result in tractors rolling over, such as inclined planes and rocks in the field. Viewers will be able to see how rollovers happen and we will explain ways to avoid them," says Murphy. Demonstrations will be shown every hour starting at 10 a.m.

In the Theme Building, participants will be able to see the danger in pulling a stalk of corn out of a corn picker. "We'll have a simulated corn picker with a broom handle representing a stalk of corn. By holding on to a sleeve that covers the 'corn stalk,' people will try to let go of the handle as the stalk is pulled into the picker. The first reaction is to grab tighter, which is the opposite of what you should do." The corn picker will run throughout each day.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

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Pasto Museum Is Popular Attraction

UNIVERSITY PARK, Pa. — The Pasto Agricultural Museum, filled with farm and household items dating back to the 1840s, is a popular attraction at Penn State's Ag Progress Days. Dr. Jerome K. Pasto, associate dean emeritus of the College of Agriculture for whom the museum is named, has spent thousands of hours restoring antique tools and equipment for the museum.

All are welcome to come and enjoy a "hands-on" look at the history of agriculture. Pasto and a number of guides will be available to answer questions. New this year is a thermostatically controlled incubator first patented in 1907, heated by a kerosene lamp. There is a primitive meat grinder and an newly restored 1890 buggy first used in Chester County.

An antique buff himself, Pasto was instrumental in establishing a permanent location for the museum a decade ago. Pasto's work is a labor of love, and the College of Agriculture Alumni Society recommended naming the museum after him. The Penn State Board of Trustees approved the idea in 1980. "Each machine has its own challenge-- to find out how it works," Pasto says. "Nothing is like the feeling you get when you refurbish all the parts of an old piece of farm equipment and bring the item back to life."

In the 1860s, students at the Farmers' High School, now Penn State University, spent three hours every afternoon assigned to chores on the farm lands surrounding Old Main. Equipment similar to that used by the first Penn State students can be seen at the museum.

The museum became a reality through the efforts of the College of Agriculture Alumni Society. A tour of the museum takes visitors back to the days of churning butter and planting seeds by hand, when machines used in agriculture ran by muscle power-- both human and animal. It's a hands-on museum where visitors can turn the cranks and move the levers on these remnants of an age before the advent of electricity.

There is a 1904 grain reaper fully restored and polished. The reaper has been mechanized with an electric motor so that it can operate at the museum. The museum's collection houses more than 280 rare and unusual antiques. The collection includes in 1886 hand-cranked corn-sheller, a home tin canner and a 1876 velocipede jigsaw. The jigsaw is pedal-powered.

The collection began with a donation of historic hand tools, given by the late Dr. Russell Dickerson, an associate dean of the College of Agriculture. Donors, including University alumni and friends from Pennsylvania and four other states, have added to the collection.

The museum, built in the summer of 1978 by contributions from the College of Agriculture Alumni Society, opened for the first time during Ag Progress Days in August of that year.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

Dairy Industry Spared Budget Cuts By Ag Committee

WASHINGTON, D.C. — Congressman Steve Gunderson (R/Osseo) announced today the dairy program escaped additional budget cuts as the House Agriculture Committee approved $1.9 billion in farm program spending reductions for the 1990 budget.

"Today was a victory for our dairy program that has taken its lumps in the past," Gunderson said. "What's so encouraging about this year's contribution to budget savings is that the cuts didn't come at the expense of farmer's income, but instead will come from reduced government dairy commodity purchase prices of butter and a sale of butter to the Soviet Union."

According to Gunderson, the vice-chairman of the Livestock, Dairy and Pultry Subcommittee, the dairy program will contribute $25 million in savings from reduced Commodity Credit Corporation purchase price for butter as result of a three-month price support adjustment this spring. This contributes to the $600 million in cuts made from the CCC program.

"The potential sale of 30,000 to 70,000 metric tons of U.S. butter to the Soviet Union could bring an additional $53 million to $120 million that will be counted toward budget reduction when the sale is completed," Gunderson said.

Gunderson said an attempt to impose a 1-1½ % price support reduction on January 1 or a one-cent assessment directly from farmers was fought off in the committee negotiations.

A 1-½ % reduction in the price support on January 1 would come at the time the support level is expected to automatically be reduced to $10.10. Gunderson said this effort saved $10 million to $15 million from farmers' income.

The one-cent assessment would have taken $15 million directly from farmers, $2.5 million from Wisconsin farmers.

"There was simply no justification for making additional cuts in the dairy program beyond the savings the dairy program will make through the butter price adjustment and the Soviet butter sale," Gunderson said.

The Agriculture Committee's budget reconciliation will be submitted to the House Budget Committee.

30 YEARS AGO
THIS WEEK

-Thirty-eight Lancaster County 4-H club members and three leaders will depart by bus at 8 a.m. Monday for the Pennsylvania State University campus and the state's 1959 4-H Club Week.

The county delegation will include a full complement of judging and demonstration teams, voting delegates, speakers and part-time spectators, according to Asst. County Agent Winthrop Merriam.

Official Home Economics delegates to the Club Week convention are Judith Ann Buch, Ephrata RD2; Julian Erb, Ephrata RD2; Julian Erb, Mt. Joy, and Elsianne Hess, Lancaster.

H.E. demonstration groups are:

Bread Demon, Patricia Musser, Columbia 2, and Mary Ann Musser, Manheim 1.

Dairy, Helen Musser and Evelyn Esbenshade, both of Mt. Joy 2.

Poultry, Saralee Bradley, Holtwood 1, and Jean Kauffman, Drumore 1.

Room decorating, Anna Mary Singer, Millersville and Dolores Warfel, Lanc. 6.

Barbara Keener, Manheim 3; Mary Alice Moore, Lancaster and Judy Stauffer of Manheim 3 also will represent the H. E. Clubs Clubs.

County agriculture and community clubs will field a full contingent of judging and demonstaration teams, which include the following:

Livestock demon, Fred Bernhard, Mt. Joy 2, and Donald Hosler, Manheim.

Electric demon, J. David Lapp, Bareville 1 and Robert Armstrong, Drumore.

Dairy demon, Kenneth Young, Mt. Joy 1 and Melvin Shenk, Mt. Joy 2.

Poultry demon, Glenn and Kenneth Porter, Washington Boro 1.

Dairy Judging, K. Young Paul Welk, Strasburg 1 and Donald Trimble, Quarryville 1.

Vegetable identification and judging, Mary Heisey of Sheridan 1; Kennetyh Overgaard of Lancaster 4 and G. Porter.

Livestock judging, John Henry Hess, Manheim 3; D. Boyd and Wilbur Hossler, Manheim 3.

Poultry judging, Janice Showalter, Reinholds 1; Paul Schantz, Ephrata 1 and K. Porter.

Flower identification and judging, Lois Ann Obergaard of Lancaster 4, Joann Bixler, Marietta 1 and Sandra Meyer.

John Zimmerman, Reinhold 1; Mary Jane Herr, Refton, and Barbara Keener will present special talents during the week's programs.

Serving as leaders, guides, guides, chaperones, managers and trackers for the youngsters will be Victor Longenecker, E-town club leader who this year completed 25 years of 4-H club service.

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If you are a Northeast dairy farmer who has not signed an RCMA contract, they you are not able to appreciate the peace of mind enjoyed by members of the Regional Cooperative Marketing Agency. This is your chance to take advantage of a great opportunity to receive MORE money for YOUR milk.

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York County Fair Planned For September

YORK (York Co.) — It was just about five weeks ago that the York Fairgrounds were ablaze with fireworks celebrating the Fourth of July. Five weeks from now the Fairgrounds will be exploding with the excitement of the 1989 York Fair, September 8-16, and it's not too soon to begin planning to be part of it all.

Advance sale general admission tickets are available now through Sept. 7 for $2.50, regularly $3, and can be purchased at the following locations: The York Fair Ticket Office, 334 Carlisle Ave., Jay's Super Markets and all Rutter's Farm Stores.

Grandstand ticket sales have been exceptionally brisk this year, according to Blair Saylor, fair manager in charge of Grandstand Ticket Sales, and he suggests that individuals who are planning to purchase tickets should do so very soon to avoid disappointment. The 1989 Grandstand line-up includes- Saturday, September 9, The Statler Brothers; Sunday, September 10, The 30th Anniversary of Rock'n Roll; Monday, September 11, 38 SPECIAL; Tuesday, September 12, Charlie Daniels Band; Thursday, September 14, New Kids on the Block; Friday, September 15, Alabama; Saturday, September 16, George Jones and Ricky Van Shelton.

Tickets may be purchased at the York Fair Ticket Office, 334 Carlisle Ave., during office hours Monday-Friday, 11 am-6 pm and Saturday, 10 am-1 pm, by mail, or by phone (717) 848-2033. There is a $1 per ticket service charge for mail and phone orders. Payment may be made by check, money order, MasterCard, VISA and Discover.

If every year you keep promising yourself that, "I'm going to enter my homemade baked goods in one of those contests at the York Fair", it's time to start testing out your favorite apple pie, apple dumpling and cherry pie recipes on friends and relatives.

"The Blue Ribbon Apple Pie Contest" entry forms must be received at the York Fair office no later than Saturday, September 2. Actual judging will take place on Friday, September 8. "The Great American Apple Dumpling Contest", new this year, also has a pre-registration deadline of September 2. Actual judging will take place on Friday, September 8. "The Best Cherry Pie Contest" requires entry forms to be submitted by Tuesday, September 5. A popular category last year, the actual judging will take place Wednesday, September 13.

There's still time to put the finishing touches on that afghan, oil painting, hand knitted sweater or any other of several crafts that are exhibited in Old Main at the Fairgrounds. Completed entries can be submitted on the Tuesday and Wednesday preceding the Fair.

Pile on the fertilizer, play soft music or do whatever it takes to make your homegrown fruits and vegetables large enough to compete in the York Fair and Guinness World Record categories. There are ten classes ranging from apples to pumpkins and the winners, by weight, can receive as much as $1,000!

"If you're a concession owner looking for space on the Midway or indoors, you are out of luck for this year", states Creston Ottemiller Jr., fair manager in charge of Concessions. "Prime spaces at the York Fair go very quickly and people hold onto them once they've got them", he observes. "They know that customers will be looking for them at the same spot, year after year". He noted that there are a few outdeoor spaces available and the Fair should be contacted immediately if someone is interested in renting one of the them.

Four-H'ers Excell At Camden County Fair

Four-H'ers from all over Camden County, N.J., won awards at the County Fair last month. A partial list of the winners follows.

TWIRLING
Novice
1. Nicole Girgenti, 2. Priscilla Galligani, 3. Cyndi Morris.
Intermediate
1. Sara Koehler, 2. Danille Czaplicki
Advanced
1. Felissa Jagielski, 2. Loretta Davis, 3. Charlene Van Camp.
Outstanding Twirler
Felissa Jagielski

BABY PARADE
Best Dressed
Katelinn Fox, Stephanie Meyers
Cutest Girl
Christine Wojciechowski, Elizabeth Wojciechowski
Cutest Boy
Micael Borrelli, Jason Short
Youngest
Michael Basten
Most Unusual Outfit
Gary Albertson, Jeffrey Van Camp
Best Wagon/Coach
Jeffrey Van Camp, Jason Short
Cutest Sibling/Couple
Danny & Kim Watson
Heather & Danielle Burnett
Most Original
Talley Kramer

AMBASSADORS
4-H
Kate Short, Michael Hardin
4-H Junior
Adam Stock, Jacqueline Johnson
FRIENDLIEST 4-H'ER
Kate Short

HORSE
Equestrian of the Year
Stephanie Hulmes
Outstanding Western Rider
Stephanie Hulmes
Outstanding English Rider
Michelle Cona
Tack & Stall
Diana Heim, Adam Stock
Stall Decorations
Diana Heim, Adam Stock
Sewing
Adam Stock
Tara Grady

TALENT SHOW
Senior Indiviual
David Jones
Junior Individual
Megan Charney
Senior Group
Megan & Amanda Charney
Junior Group
Adam Stock
4-H Adult/Alumnus
Dot Marino
4-H Club Act
Twinkling Twirlers, Blazing Saddles
Open
Mario Binas & Glen Fostur, Gina Bernado

PHOTOGRAPHY
4-H Youth, Color Photos
Michael Hardin
4-H Youth, Black/White Photos
Kate Short
Adult Color Photos
Dot Marino
Adult Single Color Photo
Greg Reinert

ARTS & CRAFTS
Open Adult
Talletia Birthwright
Helen Jagielski
Sandi Trotter
Open Youth
Critter Simpson
Amy Morrissey
Needlework, Open Adult
Kathleen Dawalt
Neina Reinert
Paula Farrell
Ceramics
Sara Koehler

(Turn to Page E36)

NEW RELEASE

See On Display At Ag Progress Days ABC Groff Booth W. 6th St.

John Shearer Linkage Drill

This very competitively priced, new Linkage Drill is designed for pasture improvement by direct drilling into existing pastures. It is available in either,
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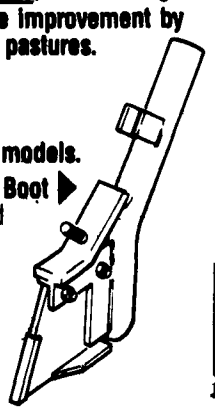
- **COULTER TYNE or**
- **SOD SEED DISC DRILL models.**

The new John Shearer 'T' Boot is available for the Tyne and Coulter Tyne models. The very effective slicing action of this attachment creates an inverted 'T' slot beneath the soil surface. Roots and weeds are cut out, creating an ideal seed bed for effective seed germination.



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- Fully enclosed oil bath gearbox
- Nylon fluted and peg tooth
- distributors and rubber gates
- Traditional John Shearer strength of construction.

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Academics, Careers and Computers

UNIVERSITY PARK — Interested in jobs, programs and opportunities in agriculture? Afraid of computers? Everyone considering college or new careers can find help at Penn State's Ag Progress Days.

"Computers and Careers in Agriculture" is the theme of this year's Youth Building, where professional counselors will offer career, academic and financial aid information to people looking into agriculture-related careers, according to Marianne Houser, coordinator of undergraduate recruitment for resident education in Penn State's College of Agriculture.

A popular attraction again this year is the microcomputer laboratory in the Youth Building. Visitors can test drive a Macintosh computer at seven 30-minute sessions offered daily from 10 a.m. to 2:30 p.m. Visitors of all ages will be able to take a quiz on agriculture, try a financial planning program and learn a computer drawing program. Computer session admission tickets will be available free at the Youth Building and the information booth and from College of Agriculture student representatives.

A computerized career-exploration program called "Discover" will guide users to possible career choices based on their preferences and abilities. Penn State's Career Development and Placement Services staff will be there to offer advice.

Visitors will see more computer action. Demonstrations of PENpages, the computer-based library of the College of Agriculture, will run frequently.

Staff from the College of Agriculture will discuss the diverse career opportunities in agriculture as well as what Penn State's College of Agriculture has to offer academically. Penn State counselors will explain college admissions and financial planning. Visitors may watch videotapes, pick up literature and talk with Agriculture Advocates and Mr. and Ms. College of Agriculture, all selected undergraduate students.

Penn State Continuing Education staff will offer literature and an exhibit explaining the programs and role of continuing education. Continuing education courses are offered statewide for part-time learners of all backgrounds at the Commonwealth campuses.

High school students may be interested in a display about the Pennsylvania Governor's School for the Agricultural Sciences, a summer enrichment program for academically talented students interested in food science, agriculture and natural resources. They can pick up information and talk with Governor's School students from this year.

4-H will offer three computer programs for visitors. All may try the new Science Aptitude Assessment program and the updated Ag Interest Inventory program for exploring career opportunities. Teachers and adult volunteer youth leaders may use the Bibliography of Science Materials program.

This year visitors may sign up to become members of Pennsylvania Friends of 4-H, a support group of the Pennsylvania 4-H program. The group is developing an alumni association. By signing up, visitors can be included in all Friends of 4-H activities such as reunions, newsletters and information about Pennsylvania 4-H.

Adjacent to the Youth Building will be a live exhibit offered by the university's Shaver's Creek Environmental Center. There will be hands-on displays, quiz boards, puzzles and mammal skulls to examine. Visitors will see hawks and owls, and kids can handle snakes and turtles. Staff naturalists will be on hand to answer questions.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

Camden County Fair

(Continued from Page E35)

Dolls & Toys
Ziyadah Birthwright
Fine Arts
Amy Morrissey
Basic
Nicole Sklarz, Christine Morrissey, Jacquie Johnson
Home Furnishings
Scott Yates
What Makes A Home
Sara Koehler
Woodworking
Scott Yates, Andrea Chorlton
Electricity
Charlene Van Camp

RABBIT & CAVY
Grand Champion Rabbit
Bud English
Reserve Grand Champion Rabbit
Jessica English
Grand Champion Cavy
Megan Charney
Grand Champion Hampster
Sheri Marino

SHEEP SHOW
Reserve Champion Ram
Joseph Conte
Champion Ewe
Elizabeth Conte
Best Market Lamb
Elizabeth Conte

POULTRY SHOW
Grand Champion
Glen Charney
Reserve Grand Champion
Sheri Marino
Grand Champion Waterfowl
Joseph Conte
Reserve Grand CHampion Waterfowl
R.J. McBride

PET SHOW
Cutest Dog/Puppy
Diana Helm
Cutest Cat/Kitten
Kelly Bittle
Best Dressed Pet
Adam Stock
Most Unusual Pet
Billy Lanning
Smallest Pet
Brooke Czaplicki
Largest Pet
Tricia Suters
Most Distinguished Pet
Anton Bodner
Ugliest Pet
Katie Przywara

CLOTHING
Junior
Traci Viguers
Amy Gallagher
Jacquie Johnson
Rachel Baker
Christine Baker
Adult
Sandi Trotter

FOODS
Preparation, Junior
Shannon Yates
Christine Baker
Denille Czaplicki
Preparation, Senior
Gabrielle Ganther
Convenience
Carrie Meehan
Open Foods, Youth
Felissa Jagielski
Mike Hardin
Open Foods, Adults
Dorothy Cuthbert
Sandra Trotter

GARDENING
Youth
Anthony Conte
Denille Czaplicki
Adam Stock
Adult
Len Jagielski
Indoor
Shannon Yates

Weed Control Meeting Scheduled

THOMASVILLE (York Co.) — The Penn State Cooperative Extension will hold a tour highlighting weed control plots in field-grown evergreens at the Strathmeyer Forests Nursery. The meeting, held on Thursday, August 17, from 2:00 p.m. to 5:00 p.m., will start at the Thomasville site to begin the tour.

Larry Kuhns will describe the various herbicides used in the test plots, and growers will be able to observe the effectiveness of the selected herbicide.

The meeting site is located on Route 30, five miles west of York next to the York Airport. Look for signs.

To register, call 717/921-8803. There is a $5 fee, payable at the door. Make checks payable to Agri. Extension Special Fund.

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Ted Coulter & Seedway Fieldman Len Barger (Left)

Ted Coulter of Spring Mills, PA Likes The Fine Stemmed, Leafy Alfalfa Variety He Planted In The Spring Of 1988. Cimarron Is Doing The Job On His Centre County Farm! Ted Has Had The Top Selling Load Of Alfalfa Hay With Cimarron For 3 Weeks In A Row At The Belleville Hay Auction. Ted Plans To Plant More Cimarron Next Spring.

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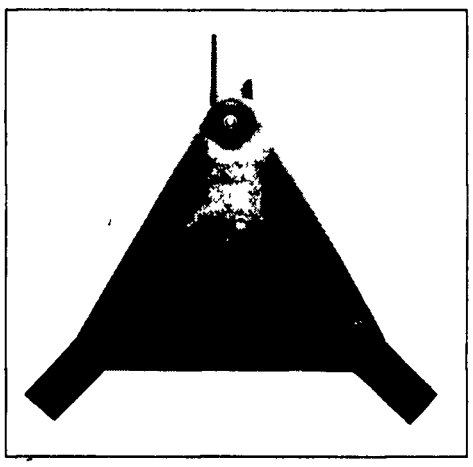

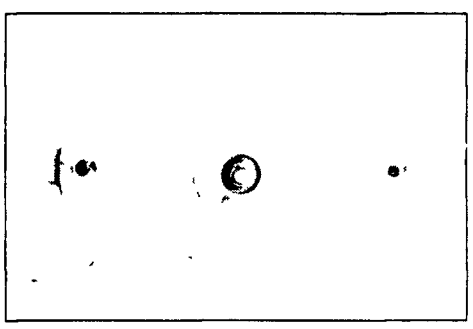

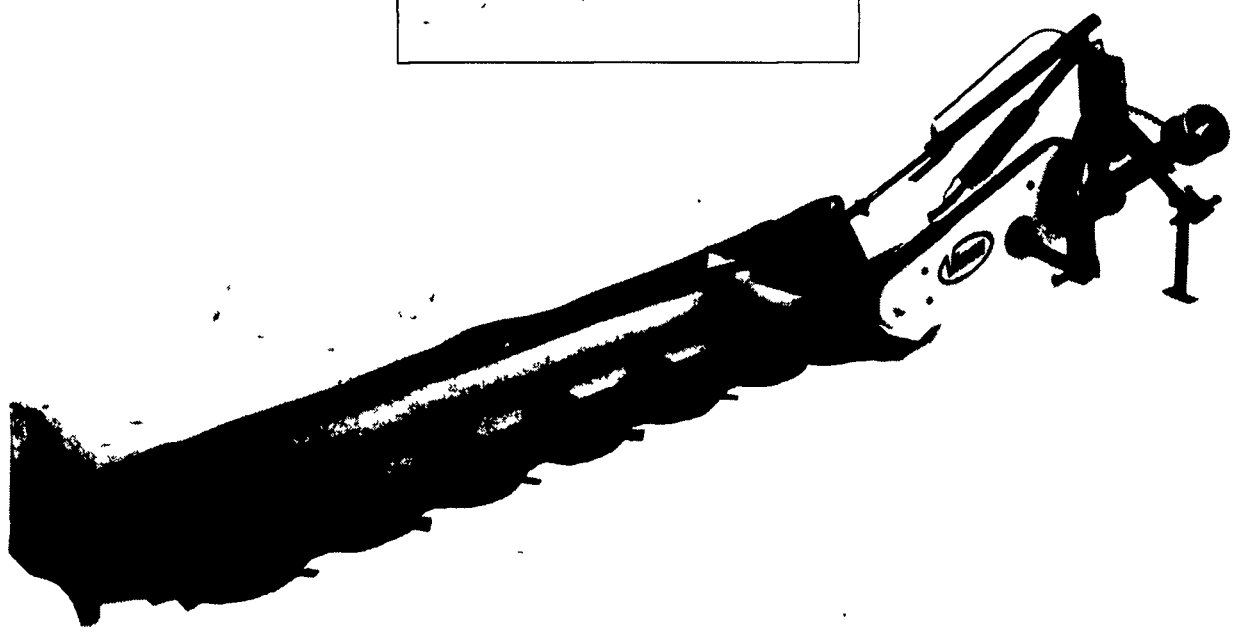

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Lebanon Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

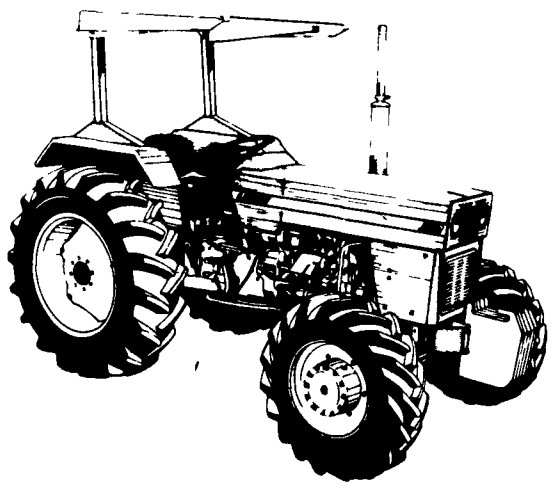
June, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Lloyd Burkholder Jr	B3	49.8	88.1	21,703	862
Roy E Nolt	B3	65.6	85.4	23,722	827
Willow Maple Farm	3	48.1	87.9	20,365	812
Roy H Weaver	3	54.3	88.3	22,569	806
Raymon & Marlin Getz	3	56.1	86.5	20,306	806
Robert Martin	B3	57.5	88.3	20,113	805
Bruce R Heilinger	B3	14.3	85.8	22,708	805
Hoover Farms	3	99.9	87.5	21,888	802
Arnold Acres	3	94.5	87.7	21,530	802
Vincent A Wagner	3	61.1	83.5	21,173	799
Daryl Balmer	B3	33.8	89.1	21,557	798
Leon M Burkholder	B3	52.5	91.5	20,913	791
Irvin Z Brubaker	B3	52.5	84.1	21,274	787
Arthur R Krall & Son	3	70.4	86.0	20,819	786
Donald G Hoffer	3	48.0	87.1	21,317	779
Dale Hostetter & Sons	3	100.3	85.5	19,811	778
Gary Lentz	3	75.9	89.8	20,272	765
Willis Good & Sons	B3	78.1	87.9	20,928	762
Louis E Martin	B3	43.4	88.7	20,994	761
Jay & Carol Hershey	3	43.1	86.4	21,301	761
David Brandt	3	93.5	89.2	21,345	761
Reuben O Martin	B3	77.5	86.2	20,103	757
Kenneth Mase	B3	91.3	89.6	20,577	755
Earl Ziegler	G3	44.8	90.8	20,059	752
Kirby L Horst	3	47.2	83.8	19,817	748
Philhaven Farm	3	103.9	89.8	19,996	748
Marlin D Heisey	B3	54.3	85.7	20,185	747
Meadow Spring Holstn	B3	60.8	89.5	21,462	744
Aaron Weaver	3	71.4	83.4	19,861	743
Gary Mase	G3	20.1	81.8	20,542	741
Mark C Patches	B3	113.3	86.7	19,672	741
David + Kathy Smith	B3	41.4	83.8	20,215	739
Ernest Hostetter	B3	71.7	86.8	19,813	737
Kenneth I Sellers	3	66.1	86.2	18,593	731
Hershey Bare	3	94.2	87.3	19,092	728
Raymond K Martin	B3	51.5	86.4	20,926	728
David E Zimmerman	G3	47.9	85.1	20,503	727
Marvin K Meyer & Sons	B3	116.6	89.0	18,901	724
Gary Lee Mase	5	34.4	84.7	18,077	724
Walter K Heisey	B3	51.9	86.9	19,546	722
David Eugene Reiff	3	53.2	86.2	19,699	721
Bruce R Heilinger	5	29.6	84.0	18,272	720
Ernest Wagner	3	39.5	90.4	19,421	719
Dale L Hoover	3	69.6	88.1	19,615	716
White Birch Farm	B3	59.6	92.5	21,291	716
DGK-Holsteins	3	49.6	86.9	19,287	715
Richard&Ronald Shirk	3	74.1	82.9	18,775	713
Bucher Brothers	B3	41.1	82.8	20,310	713
Ezra H Martin	B3	44.5	87.9	19,164	707
Allen H Leinbach	3	39.9	86.1	17,081	705
Joe Meily	3	74.1	85.6	20,615	704
David Weaver	B3	43.5	87.7	18,589	703
Earl+Marilyn Smith	3	84.3	88.6	18,543	702
Villa Dale Farms	B3	63.0	88.4	18,480	701
Udder Valley Farm	B3	68.1	89.3	18,483	700
Phares Z Musser	3	94.0	87.7	18,518	698
Twin-Maple Farm	B3	61.5	88.1	18,855	698
J Richard Bomberger	B3	87.7	87.8	18,519	697
Luke Brubaker	G3	49.5	88.8	21,117	696
Mark Copenhaver	B3	86.3	89.4	19,025	695
Ferndale Farms	3	80.5	86.0	18,900	693
Mervin W Horst	3	66.0	86.4	18,164	693
Walter M Martin	G3	48.7	84.1	19,286	692
Harvey T Bomgardner	3	103.4	87.5	18,888	691
Richard Batz	3	41.5	88.8	18,764	690
Little Hill Farm	3	51.1	82.3	17,587	689
Gene+Kathleen Martin	B3	109.0	88.2	17,876	682
Dale Good	B3	48.0	90.3	19,727	682
James S Martin	G3	44.3	82.4	18,670	681
Wernerway Farms	B3	133.5	88.2	19,291	679
Richard+Linda Krall	B3	40.7	85.2	19,139	678
Twin-Gro Holsteins	3	58.6	86.0	19,184	678
Ramona Holsteins	3	68.9	85.6	18,358	675
Rufus H Martin	B3	50.2	85.8	18,865	672
Daniel B Shirk	3	38.0	87.7	18,404	672
Lynn W Moyer	B3	64.7	86.1	17,621	671
Paul-Keren Weaver	B3	43.6	84.3	17,921	669
Wilmer H Lehman	B3	58.6	86.8	18,208	666
Sonnen Acres	3	86.0	86.4	18,241	661
Robert B Bollinger	B3	87.9	85.6	18,525	661
George Ungemach	B3	86.7	87.7	17,591	659
Harvey E Bomgardner	3	72.5	88.5	17,194	653
Carl J Bross	G3	80.2	88.4	16,378	652
John Brubaker	G3	61.4	87.4	16,549	650
Roy M Oberholtzer	B3	39.6	83.5	18,305	648
Sonnen Springs Farm	B3	50.8	83.9	17,984	647
Moses O Martin	B3	78.3	87.6	17,182	647
David Kline	B3	71.0	88.3	17,432	642

(Turn to Page E39)

LONG

Long delivers!



Take a close look at the Long's 510 tractor. The quality shows. The price is affordable. The heavy-duty 3-cylinder engine is designed to give maintenance-free and smooth-running performance day after day, year after year. Its 4-wheel drive running mate, the Long 510-DTC, features center drive, offering more traction for those tougher jobs. Both are outstanding performers. Ask for a demonstration and see for yourself.

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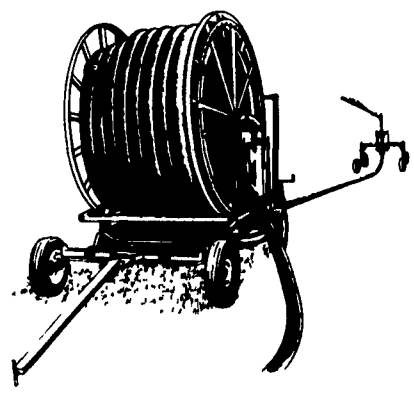

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Lebanon Co. DHIA

(Continued from Page E38)

Meadow-Wood Farm	B3	225.7	87.4	16,901	641
Blue Mt View Farms	B3	76.6	86.1	17,106	641
DPaul+Pattica Miller	B3	67.3	80.9	17,934	632
Clifford+Fay Berger	B3	59.0	88.9	17,020	631
Ernest P Detweiler	G3	51.5	85.1	17,226	631
Robert B Smith	2	78.3	86.9	13,474	630
Alvin&Marian Martin	B3	64.9	84.0	17,361	630
Barry Donmoyer	B3	124.8	86.7	16,750	627
Gerald W Martin	G3	48.5	88.9	17,024	627
Dennis Wampler	B3	94.2	86.5	17,814	626
Dale E Maulfair	B3	37.2	88.8	17,709	625
Larry G Shuey	B3	91.2	88.0	17,272	624
David+Chris Williams	B3	57.5	85.9	17,379	617
Leon H Kline	B8	94.3	85.8	16,716	614
James Hursh	B3	112.3	85.7	15,794	606
Darryl L Weaver	B3	41.3	88.1	16,611	603
Marlin G Martin	G3	47.3	86.0	16,375	600

Lactations
June, 1989

Kenneth I Sellers						
Kondra	3	4-4	305	19,714	4.1	819
David Brandt						
1	3	6-2	288	21,440	3.8	827
62	3	4-3	305	20,796	4.1	853
Harvey T Bomgardner						
Rosey	3	6-2	302	21,512	3.7	801
Amorous	3	3-7	278	19,495	4.3	841
Dale Hostetter & Sons						
97	3	4-0	305	24,512	3.5	868
63	3	3-7	305	21,537	4.3	928
92	3	3-3	305	23,787	3.8	924
101	3	3-5	305	19,474	4.1	802
3	3	3-6	305	25,908	3.3	854
115	3	3-1	299	17,961	4.6	828
Little Hill Farm						
Grossie	3	6-7	300	25,797	3.1	818
Choice	3	3-2	305	22,241	3.6	819
Dennis Wampler						
81	3	5-4	305	20,853	4.0	843
Lynn W Moyer						
8	3	8-7	305	20,240	4.1	849
David Eugene Reiff						
Silver	3	5-6	305	25,722	3.8	993
Marble	3	4-7	305	20,468	4.1	841
J Richard Bomberger						
96	3	4-7	305	20,983	4.2	883
73	3	3-10	305	20,633	4.0	832
Mark C Patches						
108	3	5-10	305	21,198	3.9	838
2	3	3-8	302	23,352	3.7	881
Allen H Leinbach						
Gloria	3	5-0	305	18,582	4.9	922
Arthur R Krall & Son						
Stacy	3	7-4	305	24,071	3.3	803
Kim	3	5-10	305	30,417	3.9	1194
Clara	3	4-2	305	21,473	3.9	844
Tabbie	3	3-11	296	22,874	3.7	860
Arnold Acres						
Alice	3	4-3	305	26,074	4.0	1053
Jade	3	3-2	305	24,804	3.2	801
Walter K Heisey						
73	3	7-3	305	20,095	4.0	804
176	3	3-1	305	17,107	4.7	817
Donald G Hoffer						
179 Y	3	3-0	305	25,686	3.4	886
Roy E Nolt						
74	3	3-0	302	18,158	4.9	893
50	3	0-0	305	19,906	4.2	839
Bucher Brothers						
Elsie	3	3-8	301	21,082	4.0	843
Marlin D Heisey						
32	3	4-8	296	23,451	3.4	812
J Calvin Zimmerman						
88	3	4-3	305	20,960	3.9	826
Richard Batz						
Gi Gi	3	4-11	305	21,706	4.0	870
Irvin Z Brubaker						
180	3	3-8	305	26,100	3.9	1017
Ezra H Martin						
35	3	7-11	304	18,985	4.2	801
Gary Lentz						
81	3	2-1	305	22,698	4.0	910
Ramona Holsteins						
Ann	3	3-6	305	19,617	4.5	889
Earl & Marilyn Smith						
Emmy	3	3-3	305	18,744	4.3	822
Aaron Weaver						
46	3	6-11	305	25,168	3.6	922
21	3	3-8	305	18,077	4.8	870
10	3	1-11	305	22,550	4.0	921
98	3	1-11	291	19,983	4.3	866
Sonnen Acres						
Humor	3	6-7	305	20,747	3.8	802
Cherish	3	2-9	305	18,752	4.2	803
Louis E Martin						
31	3	3-11	305	22,956	4.0	927
Daryl Balmer						
Bridget	3	3-2	305	24,483	3.7	912
Jay & Carol Hershey						
Bopeep	3	5-9	296	22,738	3.9	888
Hoover Farms						
Henrika	3	4-8	305	24,556	3.9	962
Hettie	3	4-5	305	28,136	3.5	996
Honey	3	2-5	305	21,151	4.1	875
Roy M Oberholtzer						
81	3	2-0	291	17,748	4.5	800
DGK-Holsteins						
Esther	3	10-8	291	21,809	3.7	819
Pauly	3	3-3	305	20,037	4.2	856
Joe Meily						
Pauline	3	5-0	232	22,224	3.8	848
Bruce R Heilinger						
Jesse	3	7-5	301	27,726	3.5	993
Dale & Fran Bushong						
81	3	4-0	305	20,972	3.9	822
Robert Martin						
Annabel	3	5-5	305	20,288	4.4	895
Alison	3	4-0	305	21,666	3.9	862
Kenneth Mase						
Duzzy	3	5-4	305	20,700	4.1	856

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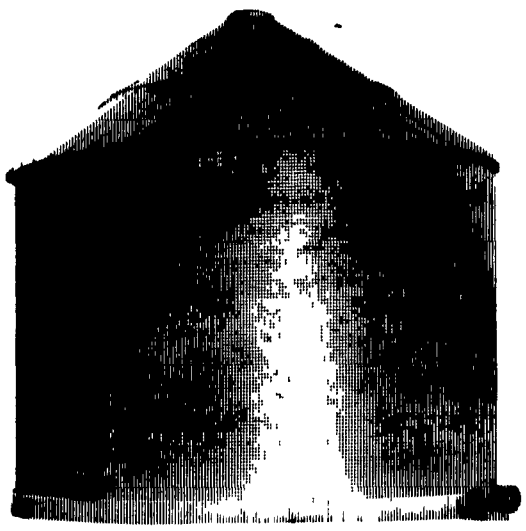

EXAMPLE:
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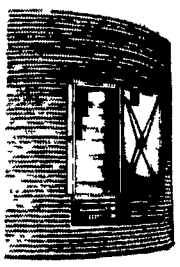

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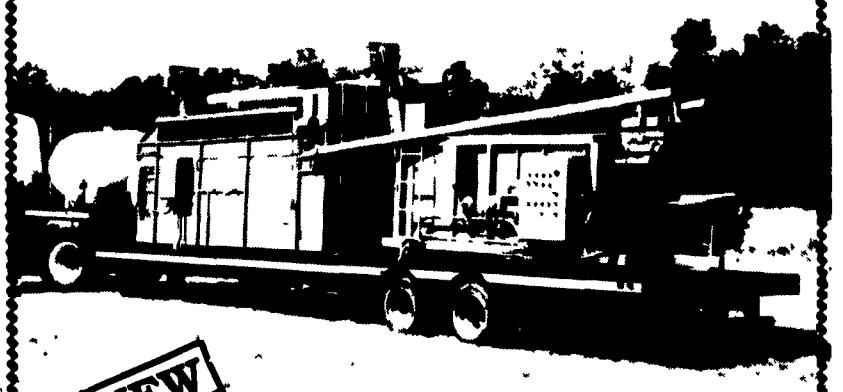

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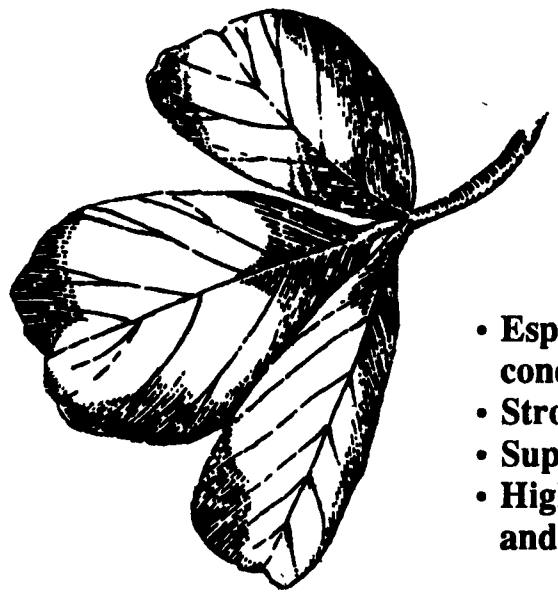
120

- Your best choice for top yields
- National Forage Analysis Superbowl winner
- Fine stemmed and leafy, high in protein
- Outstanding winterhardiness
- Resistance to Phytophthora root rot
- Quick regrowth
- Performs well under moisture stress



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DK 125

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- Strong winter hardiness
- Superior recovery after cutting
- High resistance to Bacterial Wilt and Anthracnose

DK-135

- A top commercial variety in Pennsylvania university trials
- Verticillium wilt resistance
- Good anthracnose and phytophthora resistance
- Bred for long rotations
- Lush, leafy forage
- Fast recovery after cutting
- High leaf-to-stem ratio
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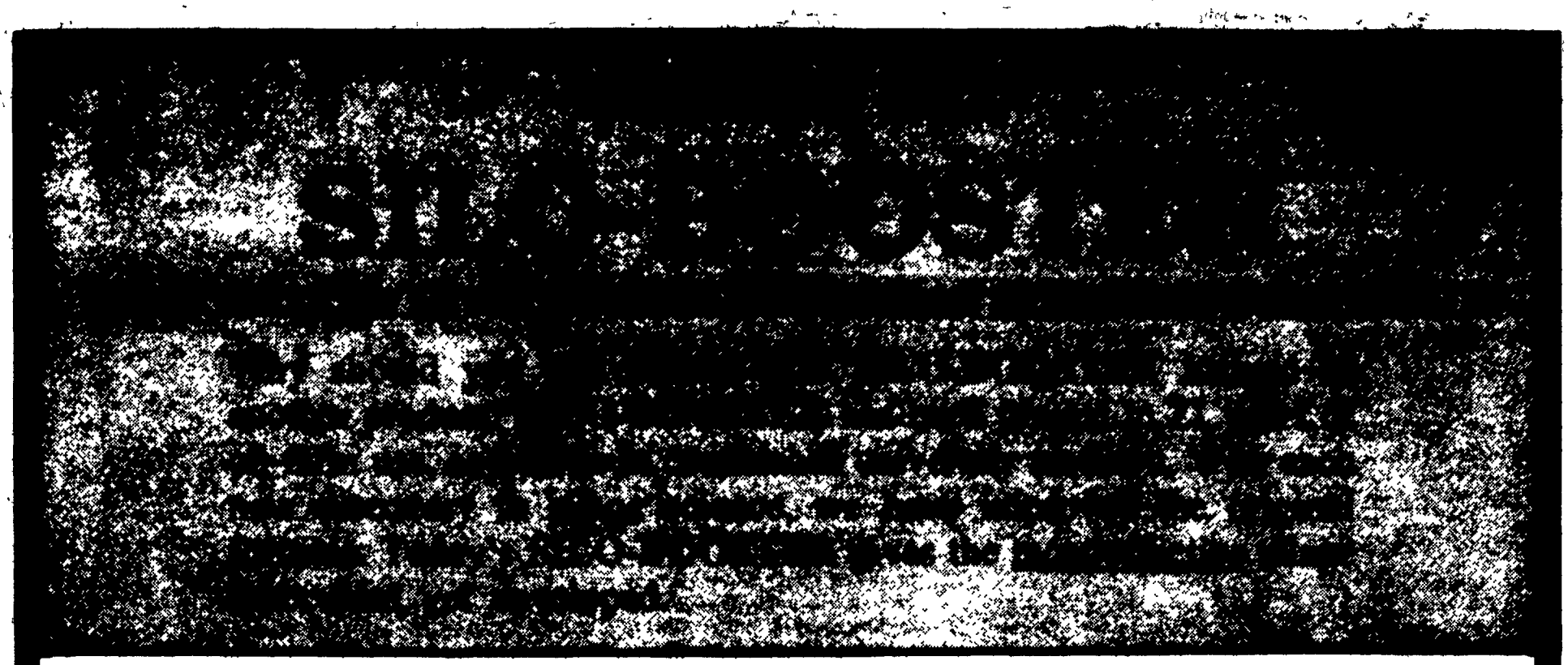

Laboratory analysis of both treated and untreated silages confirms the increased production of lactic acid by the bacterial cultures in SILO-BOOSTER.

	SILO-BOOSTER TREATED	CONTROL
Lactic acid % (average of 11 measurements from day 1 to day 30)	2.35%	1.83%
pH (average of 11 measurements from day 1 to day 30)	3.98%	3.96%

While both silages showed very similar changes in total pH change; the SILO-BOOSTER treated silage contained more lactic acid. The homofermentive production of lactic acid by SILO-BOOSTER cultures reduces the potential for dry matter losses and the generation of excessive heat of fermentation.

COMPARISON OF SILO-BOOSTER TREATED AND CONTROL SILAGES

Fed To High Producing Dairy Cows
Conducted At The University of Wisconsin

	SILO-BOOSTER SILAGE	CONTROL	
Milk (Lb./day)	87.3	86.2	NS
Fat %	3.84	3.88	NS
Forage DM Intake (Lb./day)	26.97	29.99	**
Conc. DM Intake (Lb./day)	27.45	26.78	NS
Total DM Intake (Lb. day)	54.31	56.77	*
DM/Lb. Milk	0.65	0.69	**

N.S. - non significant, *<5%, **<1%
Statistics conducted on weekly totals.

SILO-BOOSTER treated silage was able to generate income per ton of forage feed. With milk valued at $ .125 per pound; butterfat at $ .17 per point; forage at $ .045 per pound of dry matter, and the concentrate portions at $ .08 per pound; SILO-BOOSTER silage returned $4.90 for each $1.00 invested in inoculant.

APPLICATION: 1 Lb. of SILO-BOOSTER per ton of Forage.
2 Lbs. of SILO-BOOSTER per ton of High Moisture Ear Corn.

Master Mix CENTRAL SOYA

Add Feed Value To This Year's Silage By Reducing Costly Fermentation Losses

MASTER MIX SILO-BOOSTER AVAILABLE AT THE FOLLOWING DEALERS

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ROSS H. ROHRER & SONS, INC.
Quarryville, PA 17566
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Adams County Youth Hold Successful Livestock Show

ADAMS COUNTY — The sixth annual Adams County 4-H/FFA market swine and sheep show and sale was held at the South Mountain fairgrounds last week. It was a successful conclusion for members of both youth organizations who have worked hard this spring and summer getting their animals ready for show.

It was an especially big day for Chris Hawn of Gettysburg who was the proud showman of both the grand and reserve grand champion market lambs. The 115-pound champion was purchased by Gettysburg National Bank for $2 per pound, and Belmont Ridge Farm in Gettysburg donated the champion trophy.

Hawn's reserve champion went for $1.21 per pound to Greencastle Livestock Auction; the reserve grand champion trophy was donated anonymously in honor of the FFA and 4-H sheep programs.

Hawn also received the senior champion fitter/showman trophy, which was sponsored by the Adams County Sheep Producers Association.

The grand champion hog was shown by Chris Gembe of York Springs. A first-year 4-H'er, Gembe received $3.30 per pound for his 229-pound hog from Hatfield Packing. He received the trophy from Ron Harrison of Harrison Farms Pork Roll in Littlestown. Gembe also was named the reserve junior champion fitter/showman.

Rob Hilbert of Littlestown showed the reserve grand champion hog. His 226-pound pig was purchased for $1.10 by Hatfield Packing. His trophy was donated by Ken Ebert of M.E.T. Agway.

In the lamb show, the reserve champion senior fitter/showman was Earl Wilkinson of Gettysburg. The intermediate champion fitter/showman was Karen Millar of Gettysburg, while the reserve champion in that age group was Emily Miller of New Oxford. The junior champion fitter/showman was Kim Funt with reserve championship honors going to Laura Cunningham.

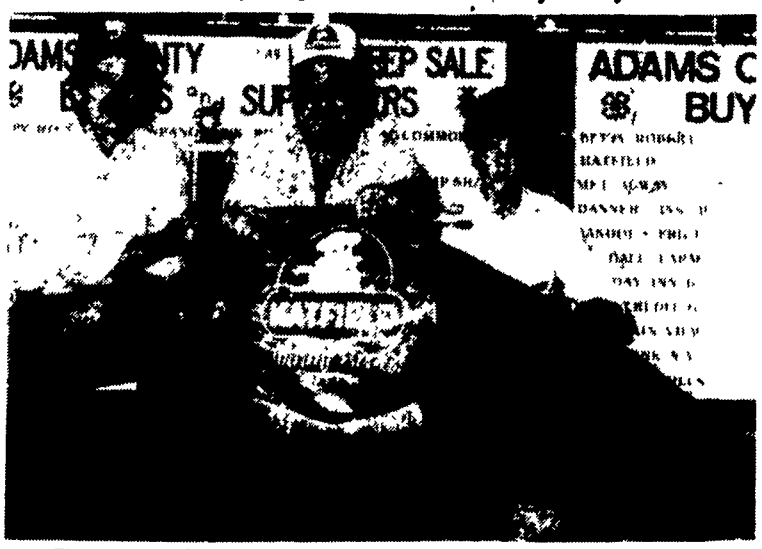
In the swine show, Larry Feeser Jr. was the senior champion fitter/showman. Second in that age group was Mandy Hilbert of Littlestown. In the intermediate class, Michele Sullivan bested Ron Hilbert, who was the reserve champion fitter/showman. The junior fitter/showman was Marie Sullivan.

The sheep sale averaged $1.18 per pound per animal, while the average price per animal in the swine show was $.82. Buyers who supported the sale included Farmer's Bank & Trust, Charles Nell Quality Meats, Gettysburg Agway, Lehman's Feed, Farm Credit—Gettysburg, Lewis Hilbert, Jo Bo Holsteins, Distelfink, Jeff Morse, Roger Flinckinger & Sons, South Mountain Farms, CCNB Bank, Bob Hershey, Hay's Pheasant Hunt, Kreider's Feed Mill, Getty Acres, Larry Peters Auctioneering, Wayne Feed Supply, Boyer's Poultry, White Oak Mills, Bucher Meats, Moutaindale Farms, Smitty's Garage, Small's Auto Parts, Seller's Buying Station, Round Hill Foods, Chase Electric, Betty Roberts, Trickle-Eez Irrigation, Angrow Fertilizer, Sunrise Farms & Gettysburg Video, Wayne Steven's Farm Equipment, Anchar Farms, H&S Supply, Robert Hay, Richard Byers, and Cumberland Landscaping.

A partial list of the winners follows.

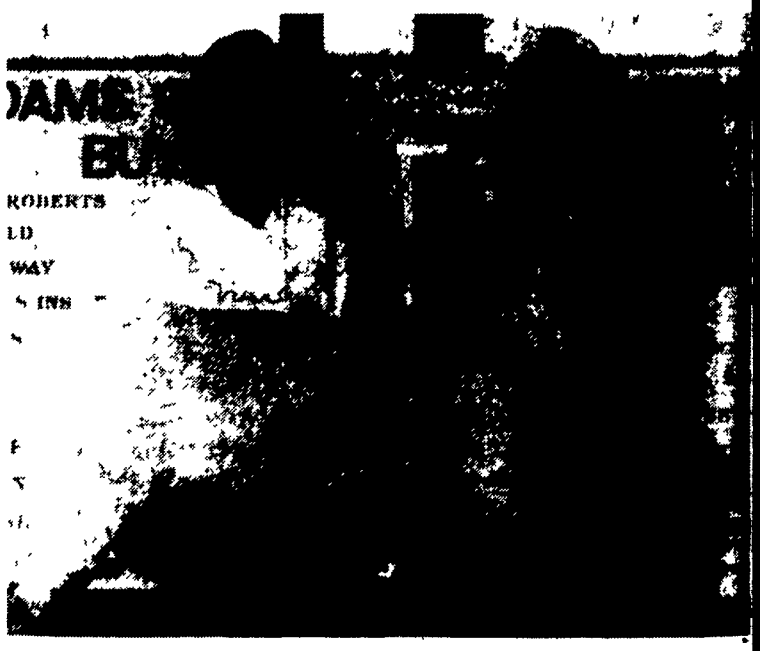
LAMB SHOW
FITTING/SHOWMANSHIP
Senior
1. Chris Hawn, 2. Earl Wilkinson, 3. Amy Miller.
Intermediate
1. Karen Millar, 2. Emily Miller, 3. Mandy Hilbert.
Junior
1. Kim Funt, 2. Laura Cunningham, 3. Heidi Miller.
Class 1
1. Chris Hawn, 2. Laura Cunningham, 3. Emily Miller.
Class 2
1. Chris Hawn, 2. Jerry Sponseller, 3. Emily Miller.
Class 3
1. Jerry Sponseller, 2. Karen Millar, 3. Mandy Hilbert.
Class 4
1. Mandy Hilbert, 2. Earl Wilkinson, 3. Amy Miller.
Class 5
1. Chris Hawn, 2. Earl Wilkinson, 3. Earl Wilkinson.
Class 6
1. Kim Funt, 2.Kim Funt, 3. Mandy Hilbert.

SWINE SHOW
FITTING/SHOWMANSHIP
Senior
1. Larry Feeser, 2. Mandy Hilbert, 3 Kathy Reever.
Intermediate
1 Michele Sullivan, 2. Ron Hilbert, 3 Jovita Keller.
Junior
1. Marie Sullivan, 2. Chris Gembe, 3. Paula Keller.
Class 1
1. Michele Sullivan, 2. Ron Hilbert, 3. Kathy Reever.
Class 2
1. Marie Sullivan, 2. Kathey Reever, 3. Matt Seymore.
Class 3
1. Marie Sullivan, 2. Marie Sullivan, 3. Michael Oswald.
Class 4
1. Leroy Alfree, 2. Larry Feeser, 3. Jovita Keller.
Class 5
1. Ron Hilbert, 2. Michael Oswald, 3. Jenny Seymore.
Class 6
1. Chris Gembe, 2. Mandy Hilbert, 3. Ron Hilbert.
Class 7
1. Ben Bixler, 2. Joyita Keller, 3. Jovita Keller.
Class 8
1. Jovita Keller, 2. Larry Feeser, 3. Michael Oswald.
Class 9
1. Michele Sullivan, 2. Chad Funt, 3. Dave Seymore.
Class 10
1. Chad Funt, 2. Kim Funt, 3. Nathan Stock.
Class 11
1. Kim Funt, 2. Jenny Seymore, 3. Jovita Keller.



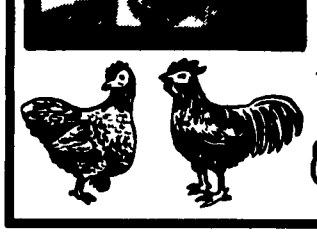
The bid of $1.10 per pound bought the reserve champion hog for Hatfield Packing, represented by Ezra Good, center. Ron Hilbert, right, of Littlestown, exhibited the champion. The trophy was sponsored by M.E.T. Agway, represented by Ken Ebert, left.

Chris Gembe, left, of York Springs, a first-year 4-H'er, showed the grand champion hog of the Adams County Show. Hatfield Packing paid $3.30 per pound for the hog. Pictured with Chris are, from left, Ezra Good of Hatfield, Ron Harrison Pf Harrison Farm Pork Roll, trophy donor; and John DeCheubell of Wayne Feed Supple, rotating plaque sponsor.



The Adams County 4-H/FFA grand champion market lamb was exhibited by Chris Hawn, right, of Gettysburg. Fay McCleaf of Gettysburg National Bank paid $2 per pound for the champion.

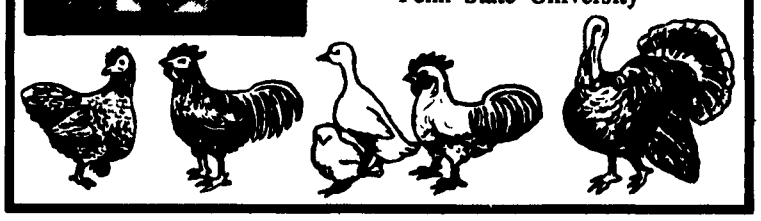
The reserve grand champion lamb, also shown by Hawn, brought $1.21 per pound from Greencastle Livestock Auction, represented by Richard Byers, left.



Lowdown on Layers

by
Owen Keene

Associate Professor of Poultry Science
Penn State University



UTILIZING SMALL GRAINS FOR POULTRY FEEDS

Corn is unique because it does not produce feeding problems when included into poultry feeds. All other grains have one or more problems that reduce performance. Understanding these problems will permit effective usage of small grains into poultry feeds.

All grains, while they do contain some protein, vitamins and minerals, are primarily used as energy sources in poultry feeds. Table 1 compares selected nutrient contents of several of the common grains. When compared to corn, the relative energy content of sorghum, wheat, barley and oats are 97, 90, 80, and 75 percent. Therefore when other grains are substituted for corn, more energy needs to be added to the feed in order to maintain the same feed-consumption level. Also, yellow corn is the only grain that contains xanthophyll, which is the pigment that is responsible for the yellow color of egg yolks and the yellow color of the skin and fat tissue of young chickens. In order to retain the same amount of pigment in eggs and tissues, feedstuffs such as alfalfa meal, corn gluten meal or other concentrated sources of xanthophyll need to be provided.

In wheat, the endosperm rapidly takes up water and forms "sticky" fibrils. Poultry produces very little saliva and as the wheat is ground finer it becomes more difficult for the bird to swallow. As a result, the beak becomes encrusted and feed consumption is reduced. Young birds are the most affected. Older birds become more conditioned to the problem. Coarse grinding of the wheat or pelleting the feed will minimize this effect. When feed is pelleted, the wheat usually will improve pellet stability. Hard wheats tend to be less sticky than soft wheats. Regardless, wheat can be substituted for corn if it is done on a nutrient basis rather than on a pound-for-pound substitution. However, if the wheat is not coarsely ground or the feed is not pelleted, wheat or wheat byproducts should not exceed 20 percent of the diet for young poultry.

Sorghum is similar to corn in protein and energy content. However, the brown varieties contain tannins. Tannins combine with the proteins to reduce their digestibility and availablity to the animal. Yellow varieties tend to have less tannin content. Pelleting tends to reduce the effect of tannin. A low tannin-sorghum can be utilized by poultry as a major energy source and can be substituted for corn on a nutrient basis. In the northeast, sorghums are not usually grown. They have to be imported, and as a result are not economically competitive with corn.

Barley has a hull therefore contains higher fiber and lower energy than corn. Barley has high lysine

(Turn to Page F4)

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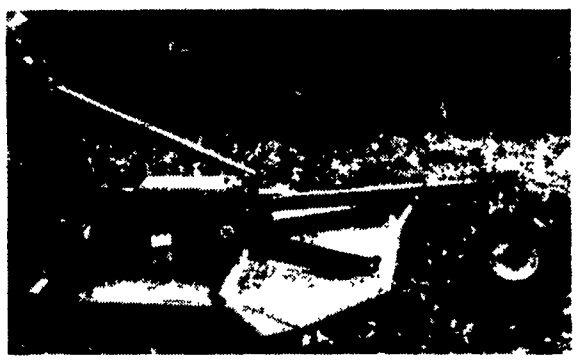


CUT IT

with WOODS M5 Dixie Cutter!

WOODS' M5 Dixie Cutter is a rugged mower that cuts and shreds a five foot swath. It has a direct gear drive with a heavy-duty gear box and is available in models for rear-mounting on 3-point hitch, fast-hitch or AC snap-coupler.

SCRAPE IT

with Medium Duty Rear Blades

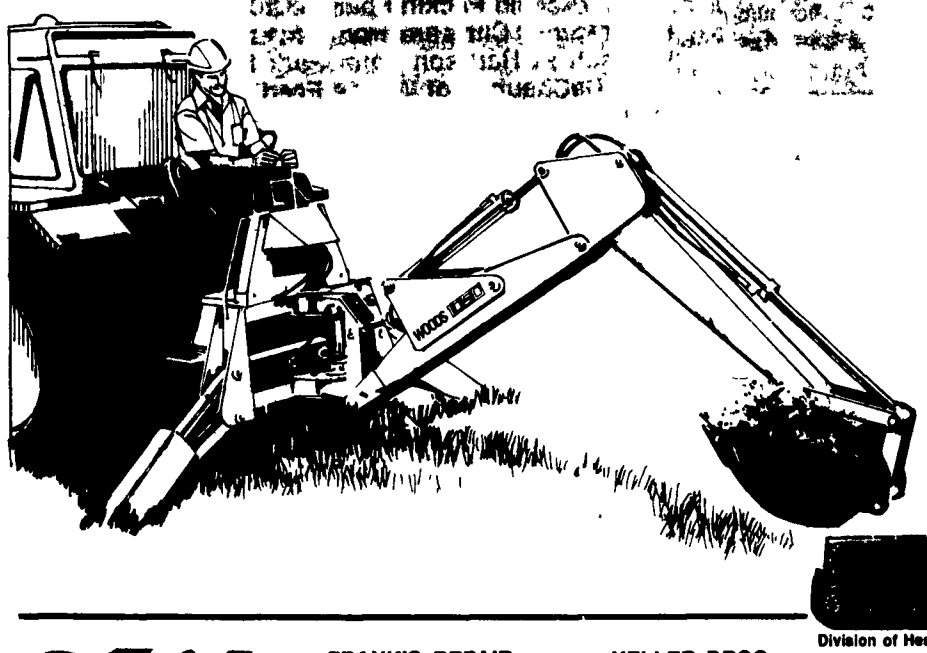
6 - 7 - 8 Ft. Blades For 3 Pt. Hitch Tractors All Purpose Design For Farm and Industrial Use... Change Angle, Tilt, Offset And Reverse For Scraping, Ditching And Plowing.

- **Curved Moldboard Rolls Material For Better Flow, Less Drag.**
- **Curved Cutting Edge, Made From High Carbon Grader Steel, Is Reversible For Twice The Life.**
- **For Use With Tractors Up To 60 HP Or 6000 Lbs.**

MOW IT

with WOODS rearmount lawn mowers!

If your tractor is in the 12 to 40 horsepower range there's a Woods RM for you. Choose 4 ft., 5 ft., and 6 ft. cutting swaths...in belt drive models RM48, RM59, and RM306... or gear drive models RM400, RM500, and RM600.



Woods model 1050 reaches 13'1" and digs 10'7" below grade with tractors rated 50 hp to 130 hp. Ideal for farming, light construction and landscaping. Other uses include golf courses, nurseries, utility companies and cemeteries... footings, wiring trenches, irrigation ditches, drainage ditches.. do them all and more. Woods model 1050 has the features that make the "on-the-job" difference.

Come in today for a demonstration.

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Intensive Grazing Workshops

UNIVERSITY PARK, Pa. — Livestock producers have a chance to see first-hand what it takes to develop and improve an intensive grazing program when they attend Penn State's Ag Progress Days, August 15-17.

"The longer animals are in pasture, the more producers are able to reduce the size and cost of their manure storage and handling facilities," says Joel C. Myers, state agronomist for the Soil Conservation Service and chairman of the Ag Progress Days conservation committee.

The intensive grazing workshop will include fencing and equipment demonstrations. It will be offered twice a day at 10:45 a.m. and 1:45 p.m. by Tom Calvert, area agronomist with the Soil Conservation Service in Somerset County.

Calvert will demonstrate and discuss intensive rotational grazing systems including initial considerations for the beginner such as selecting fencing and watering equipment, sizing paddocks and managing both existing and newly seeded vegetation. He also will give general tips on other considerations such as matching livestock to acres of available pasture.

Producers who already employ intensive or rotational grazing will learn about advanced forms of management such as maximizing forages by using brassicas and warm season grasses, stockpiling forages and using fall grains for late fall and early spring grazing.

"Everyone benefits from informal discussions and questions from both beginning producers and those more familiar with the system," says Myers. "The workshop is a unique opportunity to learn about the benefits of intensive grazing systems."

Penn State's Ag Progress Days features over 1,500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

Lowdown on Layers

(Continued from Page F2)

but the way that the lysine structured in the seed makes it less available than in the other grains. Again pelleting will improve the lysine availability and minimizes the dilution effect of the hull. In the pacific northwest where a lot of barley is grown and utilized, enzymes are added to the grain to breakdown the cellular structure of the seed. In this way, more barley can be used in poultry feeds. In this part of the country barley should not be used in starter feeds but can be used up to about 20 percent when substituted on a nutrient basis after six to eight weeks of age.

Oats have the best protein quality and quantity of any of the grains. However, it has an extensive hull thus making it a high fiber and low energy grain (Table 1). Oats should not be used in starter feeds because the fiber will reduce the plane of nutrition of young poultry. After six to eight weeks of age, oats can be substituted on a nutrient basis for up to 20 percent of the feed.

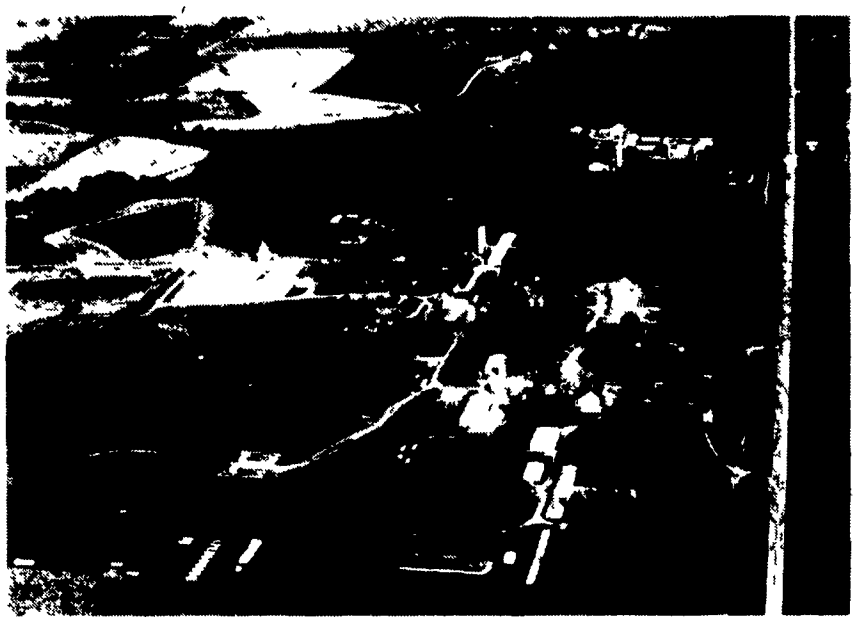
This year in Pennsylvania we are experiencing low test weights in the small grain harvest. Light test weights sometimes means that the grains did not properly mature. This usually means that the carbohydrate portion or the energy part of the grain is deficient. Therefore, additional dietary energy sources such as fat may need to be added to the feed to maintain performance and feed consumption. There are many things that can cause this problem such as shrunken and broken kernels, damaged kernels and other defects perhaps from mold and insect infections. There has been reports of "wheat scab" which is caused by a fusarium type mold. Feeding moldy grains to poultry is potentially dangerous. Young poultry are much more susceptible to mycotoxin than adult birds.

Before feeding grains to poultry, first obtain an analysis for protein, fat, fiber and moisture as well as a mycotoxin screen. This is particularly important when test weights are low. There are several commercial laboratories that are equipped to run these types of analysis. If you need help or have questions, see your county extension agent.

Nutrient Comparisons Between Corn & Other Grains

	AVE CRUDE PROTEIN %	MET. ENERGY (kcal/lb.)	Lysine %	Crude Fiber %
Corn	8.3	1550	.24	2.7
Barley	9.3	1250	.30	5.7
Sorghum (Milo)	9.8	1500	.22	2.1
Oats	12.0	1160	.50	11.0
Wheat	10.7	1400	.33	2.3

MoorMans The efficiency experts of animal agriculture



If we sold our research farms, we could cut the price of our feed

If we were less concerned about how our products perform for you, we could cut our research — or do a lot less.

Our investment in 2,700 acres—and in livestock, buildings, equipment and people—isn't to be sneezed at.

Neither is the investment in our research laboratories and the people who work in them. Nor what it takes to run a field-research program on cooperating farms and ranches in many states.

But cutting corners in research and in other ways wouldn't make much sense. It isn't the price per ton you pay for MoorMan's Mintrate® or Premix-trate® that counts—it's how efficiently these highly concentrated MoorMan Products can help you turn grain and roughage into growth, gains or milk.

How many "part-cows" are you milking?

Lots of dairy cows are part-timers—they're not producing as much as they could.

For a very simple reason: They don't get enough milk-making feeds. Or they get the wrong combination of fuel.

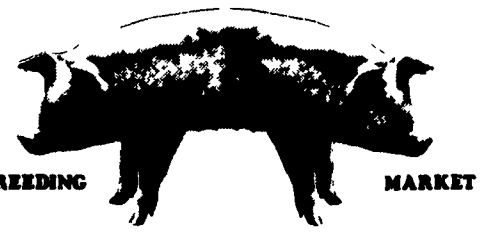
So their milk-making motors idle. Cow-power output—and profits—are lower than the machinery is built to turn out.

There's a practical, organized way to rev 'em up—with a MoorMan's® Cow Power Dairy Feeding Program.

It's based on the proven fact that when good cows are fed better, they produce more milk—and more profit.

From Mintrate® or Premix-trate®, a cow and her billions of nutritional helpers—microorganisms in her rumen—get the high-quality, carefully balanced proteins, urea, minerals and vitamins A and D needed to help break down roughage and grain into milk-making cow-power.

She can't go both ways profitably on the same ration



A replacement gilt needs a far sturdier frame and a much stronger constitution than a littermate you send to market.

Demands on her are great: first, to build a big litter of husky pigs. Next, to produce ample milk for them to grow fast.

So start developing the gilt into a profitable brood sow before you breed her—on a ration tailored to her needs.

You can do this with a proven product and program for gilt development pioneered by MoorMan Research 30 years ago.

It's an economical program—with an extra bonus that can come in extended productive life of sows.

Let's figure soon on programs for your gilts, sows and market hogs. We have different programs to help you get top performance and profits from them all.

Save 7% to 10% of total feed from 400 lbs to market

You capitalize on the different feeding values of roughage and grain on MoorMan's 2-stage beef feedlot program.

You feed high roughage and low grain for frame building or growing. Then for finishing, feed high grain and low roughage.

As shown in MoorMan Research and at several universities, this 2-stage program can save you 7% to 10% of total feed compared with conventional growing and finishing programs.

In each stage, you feed only ½ to 1 lb. per head daily of a powerful MoorMan fortifier that supplies working ingredients only — none that merely duplicate the nutrition in your roughage or grain.

Interested in being part of our fast growing team? Contact...

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State Sales Mgr.	Area Sales Mgr.	Area Sales Mgr.	Area Sales Mgr.	Area Sales Mgr.	FUTURE	FUTURE
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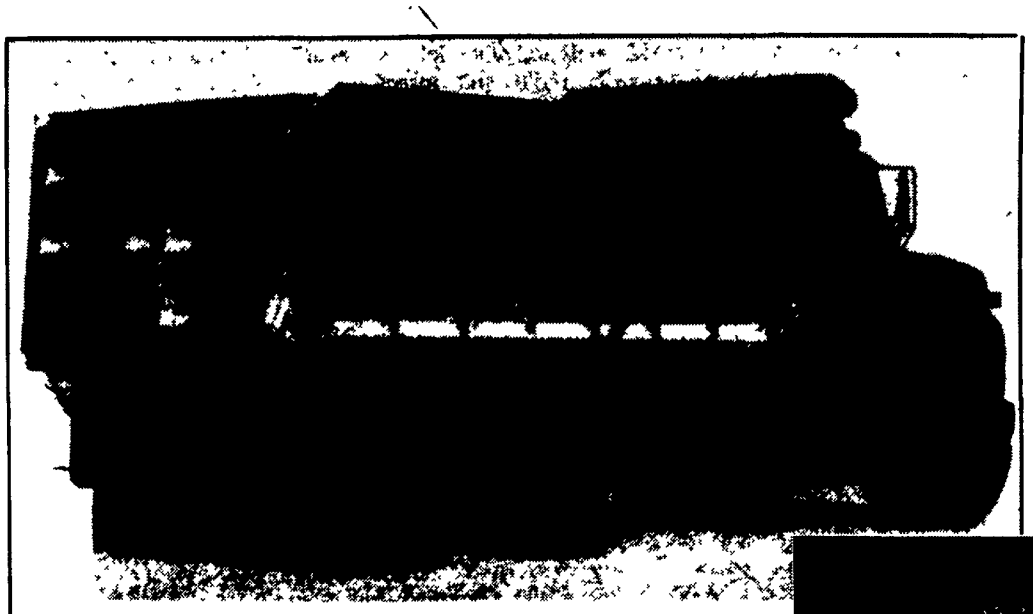

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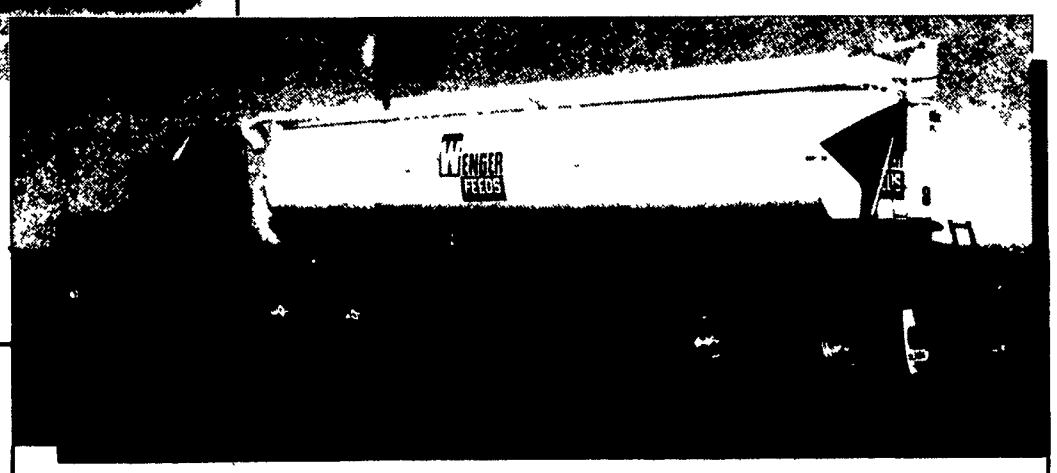
1989 LTS-9000 DUMP TRUCK
Featuring Walinga Ultra-Lite® Alum. Body

Ag Progress Special... Under **$88,000** Complete



Aluminum Tank Semi-Trailer

See Our Line Of Bulk Feed Trucks And Dump Trucks At Ag Progress Days!

WALINGA AGRI-VACS

New For 1990!

Walinga **ECONO-VAC™**

Capacities Per Hour:
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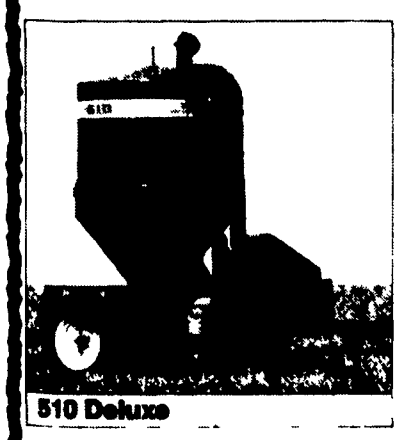
• 900 Bu. Soybeans • 1000 Bu. Wheat

SHOW SPECIAL **$6,995**



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WALINGA 510 DELUXE MODEL AGRI-VAC'S...

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Business News

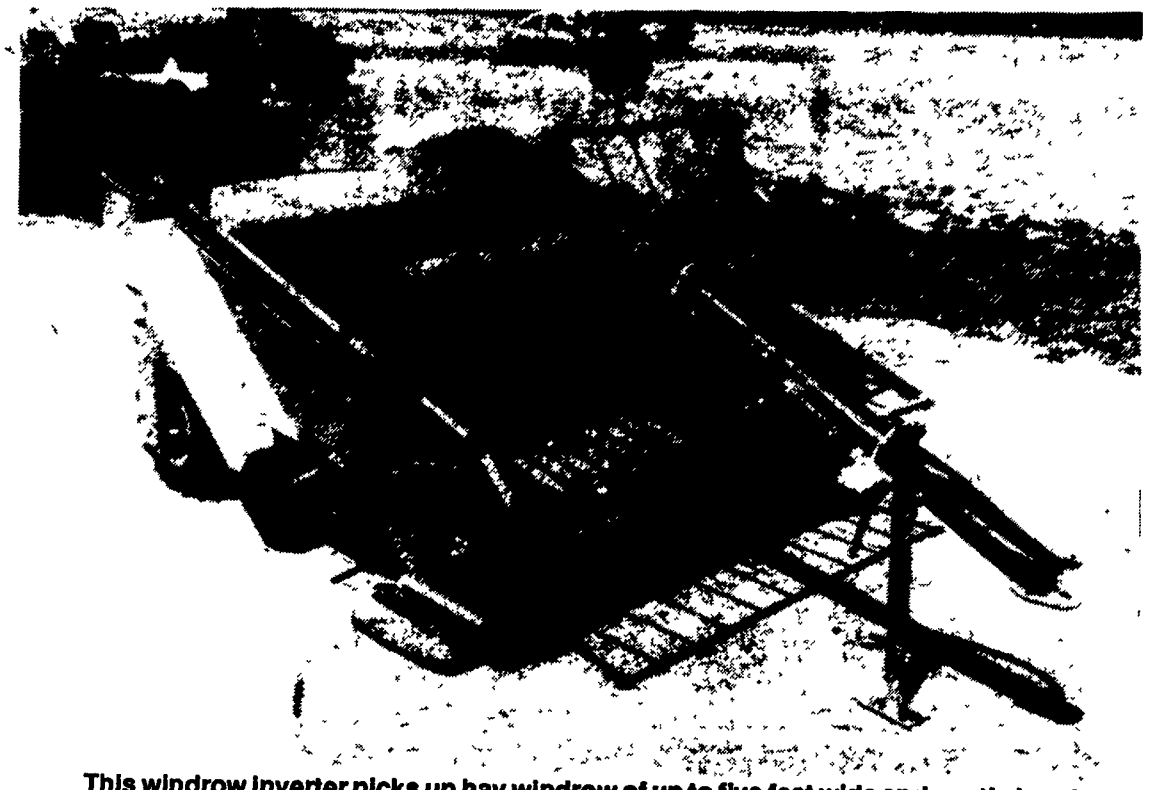
Westfalia To Exhibit Equipment At Ag Progress

ELK GROVE VILLAGE, IL — Westfalia Systemat Co., manufacturers of milking equipment, computer mangement systems, and parallel stalls, will be exhibiting its products at the 21st annual Ag Progress Days, sponsored by Penn State's College of Agriculture.

At the Westfalia booth will be Robert E. Turner, sales engineer for the firm, who will answer any questions.

Westfalia has a new display with new equipment featured such as Metatron milk meters, biomilkers, Stimopluse pulsators, and Kipe parallel stalls. Visit the booth at a 40x60-foot green and white tent across from last year's location on 10th Street.

The theme of Ag Progress Days 1989 is "Improving Your Life Through Education." The theme celebrates the 75th anniversary of cooperative extension in the United States. In addition to the approximately 300 commercial exhibitors at the event, faculty and staff from Penn State have prepared exhibits and activities designed to show the diversity and importance of agriculture in Pennsylvania. Some exhibits this year will have a special emphasis on farm and fire safety.



This windrow inverter picks up hay windrow of up to five feet wide and gently lays it back beside its original location in an upside down position.

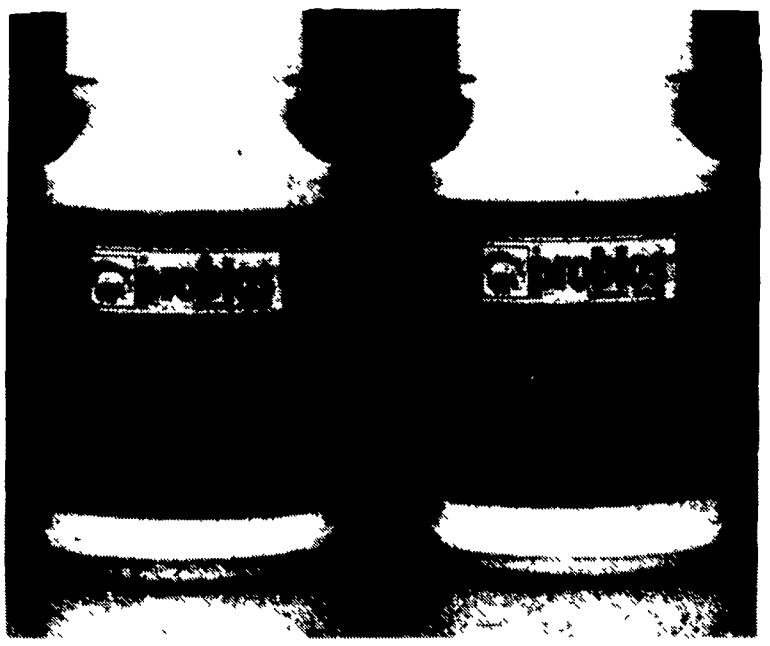
Swantaks To Distribute Dion Windrow Inverter

QUEBEC, CANADA — Dion Machineries of Boisbriand, Que., announces the addition of a new product to its fine line of forage equipment. The windrow inverter picks up a hay windrow of up to 5 feet wide and gently lays it back beside its original location in an upside down position. This new machine will appear for the first time at the Ag Progress Days Show in State College, Pa., August 15-17.

Research shows that curing time can be shortened considerably by inverting hay windrows. The simple design of the Canadian-made inverter gently carries the windrow onto a large rotating disk. The hay travels 180 degrees, half a turn, on the disk before falling on the ground in a perfectly inverted position. Losses are negligible due to minimum handling of the material.

The new machine can be seen at the show in Joseph Swantaks, Inc., exhibit. Staff from the company will be available to answer any questions.

Dion Machineries is a Canadian manufacturer of high quality agricultural equipment since 1920.



Probias® brand Swine Soluble, a direct-fed microbial product, is available now. It is recommended for all ages of swine and can be used in proportioners, water tanks, and medicators.

Soluble Swine Microbial Now Available

JOHNSTON, IA — The Microbial Genetics Division of Pioneer Hi-Bred International Inc., is introducing new Probios® brand Swine Soluble.

A direct-fed microbial product, Probios Swine Soluble contains a guaranteed count of live, naturally-occurring bacteria. When ingested, Probios Swine Soluble helps reinoculate the digestive tract of swine with beneficial microflora.

Easily administered, Probios Swine Soluble is recommended for swine of all ages during handling and weaning and during adverse conditions.

It is available in 10 gram bottles and may be mixed for use in automated proportioners, water tanks and medicators. Swine Soluble is available nationwide through animal health supply distributors.

For distributor information, call 800/247-6782.

David Pitt, president of Massey-Ferguson, meets with Pennsylvania dealers Ervin Weaver of M. & M. Weaver & Sons in Leola, R.W. Keller of R.W. Keller Sales and Service in Perkasie, and Gus Strausbaugh of Gus Farm Equipment in Seven Valleys. The dealers met with Pitt during the introduction of Massey-Ferguson's new combines in Dover, Del.

Local Massey-Ferguson Dealers Preview Combines

DES MOINES, IA — Two new Massey-Ferguson conventional combines for large-acreage farms, the M-F 8450 and M-F 8460, were introduced to M-F dealers by Massey-Ferguson's president and key executives at a meeting in Dover, Del., on July 15. Dealers from the Eastern Shore were able to preview and operate these new combines.

"Massey-Ferguson is now one of only two companies offering conventional combines to farmers," said David Pitt, president of Massey-Ferguson Inc. "With the introduction of our new M-F 8570 Rotary combine early in 1990, we will be the only company offering both conventional and rotary combines.

"We see the market improving for farm equipment over the next five years," continued Pitt. "And we are introducing both a combine line and larger horsepower tractors to give our dealers the capability to meet the needs of their customers who want bigger, high-tech, high-performance equipment."

Three new Massey-Ferguson conventional combines have been introduced by M-F to meet the harvesting needs of farmers from the smallest to the largest acreage farms. The new 162-horsepower M-F 8450 and 221-horsepower M-F 8460 combines have the power and capacity for large-acreage harvesting, and both have large variable speed cylinders to provide gentle but thorough threshing of all types of crops.

The new M-F 5650 combine is the ideal choice for farmers looking for an economical mid-range conventional combine. This 136-horsepower combine features a variable speed high-inertia cylinder that delivers more clean grain for increased harvest profits in corn, soybeans, and small grains.

EMM Offers Walinga Economy Vac

LITITZ (Lancaster Co.) — EMM Inc. now is distributing the economy model of the Walinga Agri-Vac. Available in 1990 the vac features all the main components that are found on the Walinga Agri-Vac such as a super chrome blower, blow through airlock, pre-cleaner, and fully flexible discharge system.

Ideal for either clean up or mass product transfer, the machine can handle 1,300 bushels of barley or corn per hour, 900 bushels of soybeans per hour, and 1,000 bushels of wheat in an hour. The vac requires only 40 horsepoower to do any job it may be required to perform.

SAFEMARK

"I'm no expert but I do have over 200 tires on my farm and I can definitely say Safemark tires deliver top quality at a competitive price. That's why I've been a Safemark customer for more than 20 years."

Clyde Strock, Strockland Farms
Cumberland County

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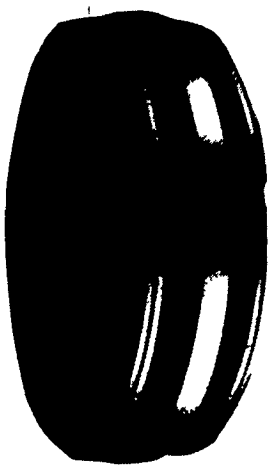

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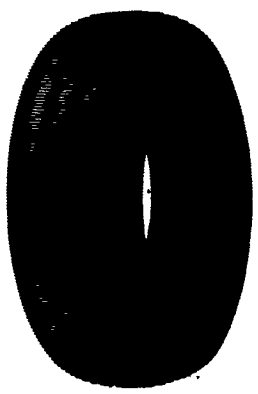
550-16	4 Ply TT	$36.75
550-16	6 Ply TT	$40.00
600-16	4 Ply TT	$39.75
650-16	6 Ply TT	$47.00
750-16	6 Ply TT	$60.00
1000-16	8 Ply TT	$88.00
1100-16	8 Ply TT	$119.00

* Mfg. by Kelly Springfield



FARM UTILITY WAGON TIRES

9.5L-15	6 Ply TT	$47.75
9.5L-15	8 Ply TT	$49.75
11L-15	6 Ply TT	$50.00
11L-15	8 Ply TT	$52.75
11L-16	8 Ply TT	$65.00
12.5L-15	10 Ply TT	$80.00
12.5L-16	12 Ply TT	$107.00

* Mfg. By Kelly Springfield

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SAFEMARK MULTI/ANGLE M/B THE HARD WORKING HARD PULLING TRACTOR REAR

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12.4-28 4 Ply **$171.00**
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18.4-38 8 Ply **$466.00**
20.8-38 8 Ply **$623.00**

- Excellent drawbar pull with long-bar, short-bar lugs for improved traction
- Designed for improved stability and roadability, plus reduced vibration
- Strong angle-braced lugs have self-cleaning design
- High-strength polyester cord body, and heavy duty rim shield protects tire from damage

(Example - 18.4-38 8 Ply)
Safemark Weight
273# Vs.
Armstrong Hi Power
Lug @ 223# = Safemark 22% Heavier!!

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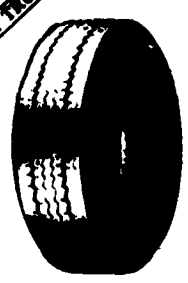

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750-16 TL 8 Ply	$62.96
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700-15 TT 6 Ply	$46.42
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Whitewall

SIZE	PRICE
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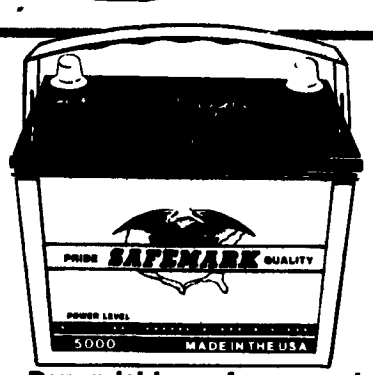
P175/80R13	$40.50
P185/80R13	$42.75
P185/75R14	$43.75
P195/75R14	$45.75
P205/75R14	$48.25
P215/75R14	$49.75
P205/75R15	$49.75
P215/75R15	$52.00
P225/75R15	$54.75
P235/75R15	$57.00



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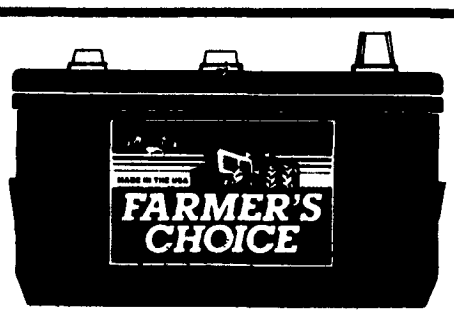

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Lebanon Livestock Auction Brings $63,902

BY LISA RISSER

LEBANON (Lebanon Co.) — Braving the sweltering heat, 78 Lebanon-area buyers came to the Lebanon Fair livestock auction to support county youth. The generous people pulled a grand total of $63,902.32 from their pocket for 180 animals. Another $450 for the champion lamb and hog carcasses was donated by the winners back to the Fair.

Laura Arnold's 241-pound grand champion was the first animal on the block. Bidders, encouraged by Pennsylvania Secretary of Agriculture Boyd Wolff, pushed the price for the hog up to $4.10 per pound. The lucky buyer was the Mark C. Hershey Farm, represented by Leon Arnold.

The reserve grand champion hog, shown by Kara Arnold, cousin to Laura, was sold to Hatfield Packing for $3 per pound or $726.

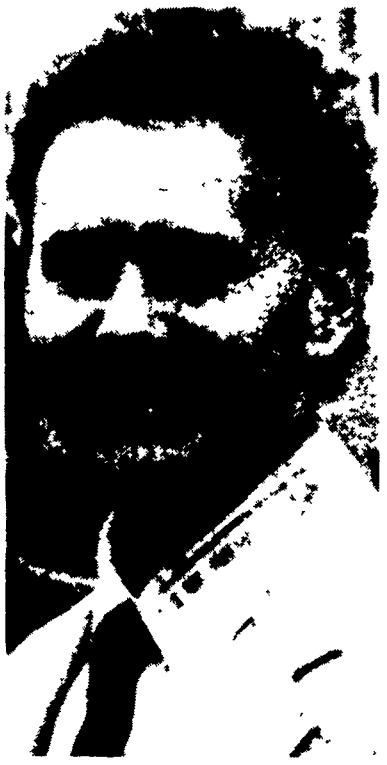
Brian Kreider led out his 1,245-pound Red Angus-Simmental cross grand champion, which went to Peoples National Bank for $2,365.50. Kreider plans to bank his money "for the future."

Eastwood, Kelly Bachman's dapper Angus, brought $1.40 per pound from Dutchway Farm Market, who left the sale with four steers in all.

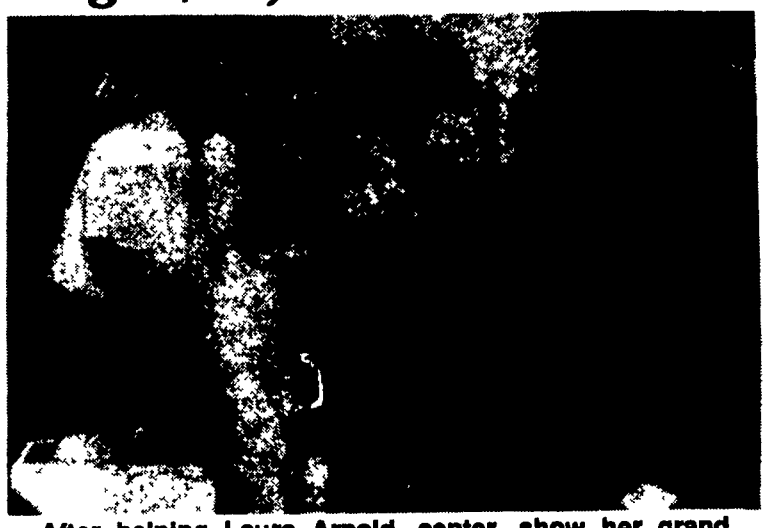
Benj Bow was a wealthy young

(Turn to Page F9)

The top bid of $3.40 per pound for the reserve grand champion lamb was entered by Wilmer "Willie the Butcher" Kreider, right. Benj Bow exhibited the 129-pound animal.



Ken Winebark and his family purchased Josh Arnold's grand champion hog carcass for $350. Josh donated the money back to the fair.



After helping Laura Arnold, center, show her grand champion hog around the ring, Pennsylvania Secretary of Agriculture Boyd Wolff, left, helped her with her trophy. Mark C. Hershey Farm, represented by Leon Arnold, right, purchased the hog for $4.10 per pound.

Brian Kreider's meathouse of a steer was bought by Peoples National Bank for $1.90 per pound. Putting in the bid for the grand champion was Dwight C. Harris, center, bank president, and Joseph K. Kreider.

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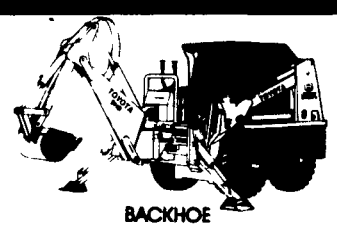
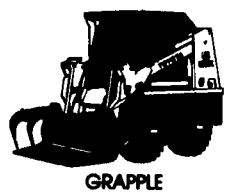

BACKHOE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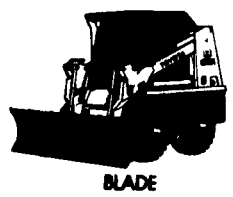
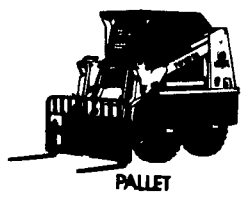
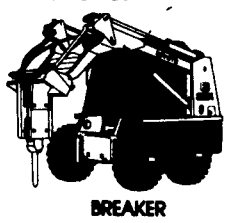
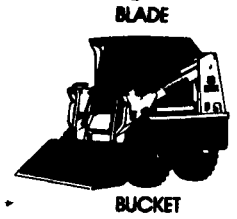
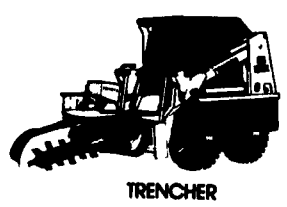
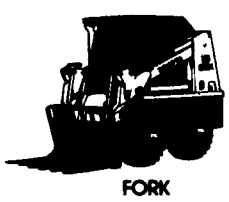

BLADE

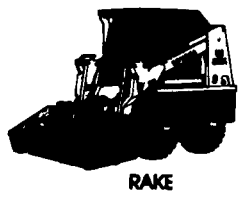

PALLET

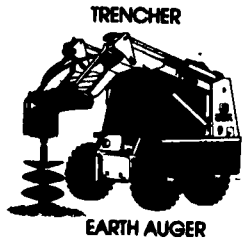

BREAKER


BUCKET


TRENCHER


FORK


RAKE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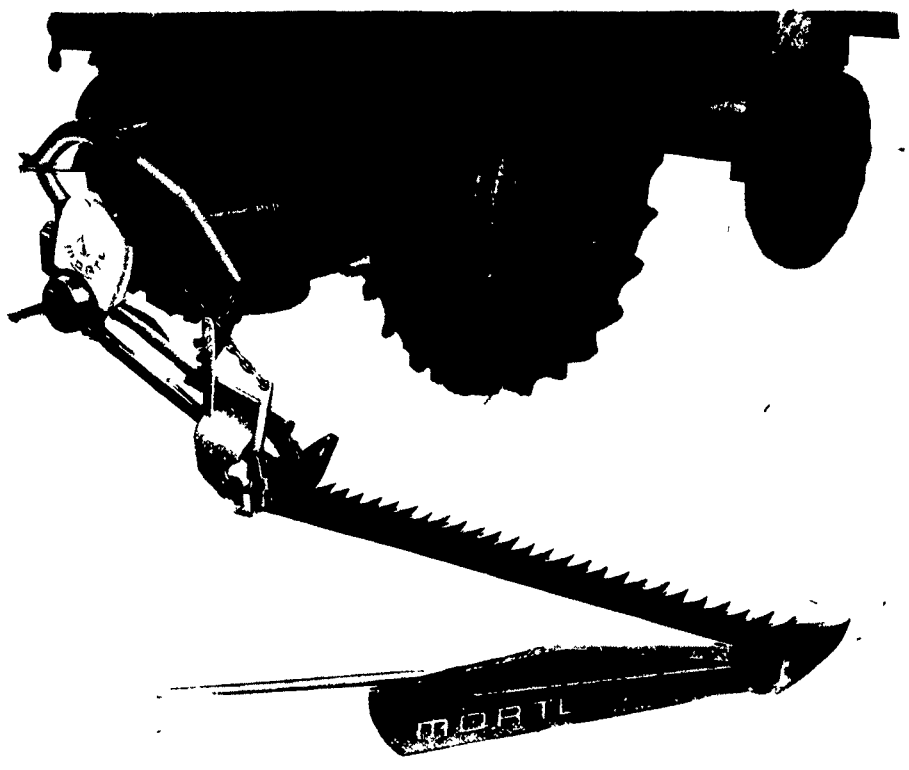

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Lebanon Livestock Auction Brings

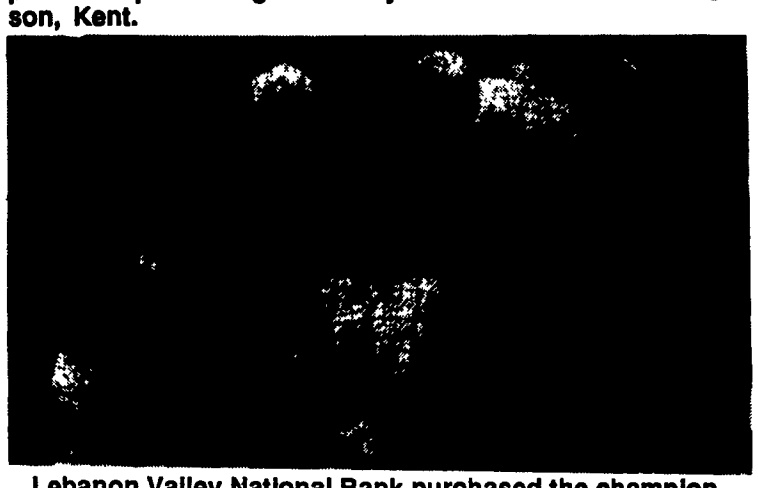
(Continued from Page F8)

man when he went home from the auction. He sold his champion and reserve champion lambs for $975. The 134-pound champion went to Fredericks National Bank, while the 129-pound reserve champion sold to Willie the Butcher for $3.40 per pound.

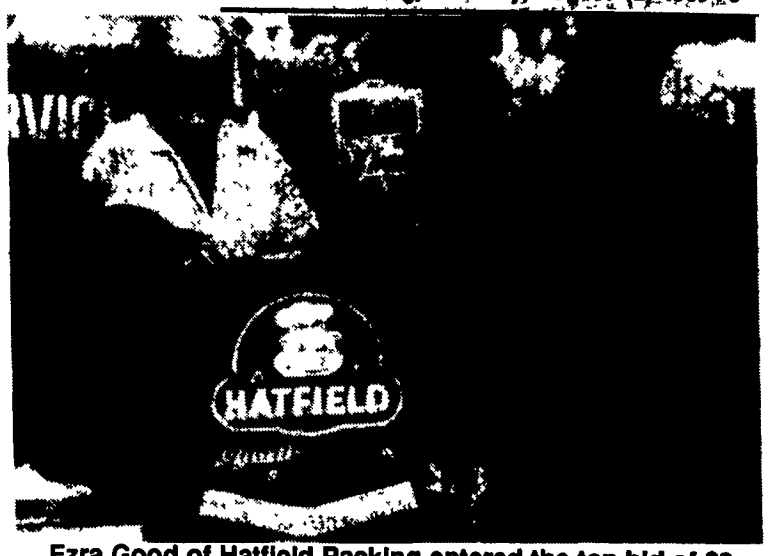
Bow later donated the proceeds from his champion lamb carcass back to the fair as did Josh Arnold, owner of the champion hog carcass. The Ken Wincbark family entered the top bid of $350 for Arnold's hog carcass, and Lebanon Valley National Bank purchased the lamb carcass for $100.

A total of 117 hogs were sold at an average of $1.42 per pound or $36,940. The 16 steers brought an average of $.92 per pound or $18,112, while the 47 lambs averaged $1.73 per pound or $8,810. The volume buyer of lambs was Fox Markets, while Hatfield bought the most pigs.

The reserve grand champion steer, shown by Kelly Bachman, right, went to Dutchway Farm Market for $1.40 per pound. Representing Dutchway was David Martin and his son, Kent.



Lebanon Valley National Bank purchased the champion lamb carcass from Benj Bow for $100. Representing the bank were, from left, Cathy Whittaker, Mike Firestine, Paul Bissman, and Sean McKinney.



Ezra Good of Hatfield Packing entered the top bid of $3 per pound for the reserve grand champion hog shown by Kara Arnold, right.

Benj Bow sold his grand champion market lamb for $4 per pound to Fredericks National Bank, represented by Martin Dauphin, right.

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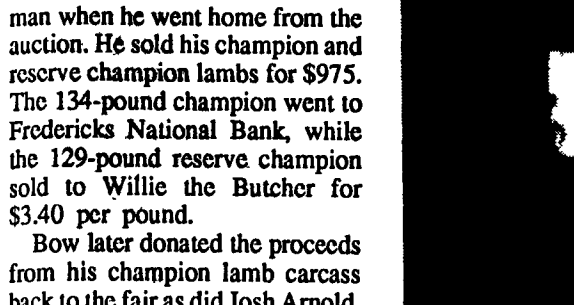
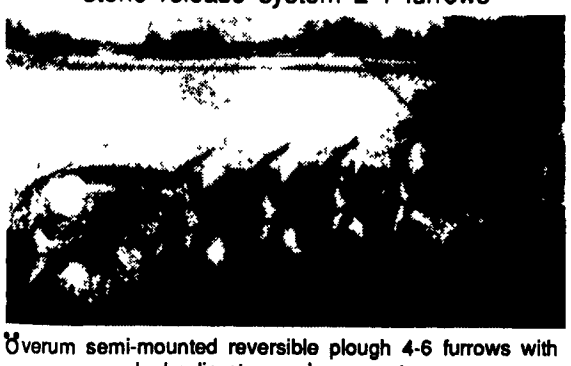
reversible ploughs
Ploughs with a 150 year history



Överum mounted reversible plough with hydraulic stone release system 2-4 furrows



Överum semi-mounted reversible plough 4-6 furrows with hydraulic stone release system

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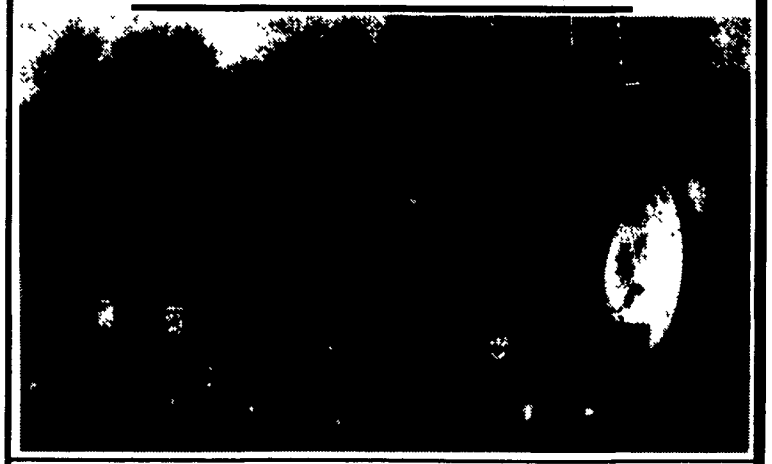

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• Suitable For Cell Wheel
** Cell Wheel Recommended

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Cantaloupe	Mustard
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Celery	Onion
Chives	Parsley
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Broccoli	Pepper
Brussel Sprouts	Radish and
Cabbage,	Blackradish
Cauliflower	Redbeet
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Cucumber-gherkin	Sugar beet**
Dill	Tomato
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Flower Seeds	

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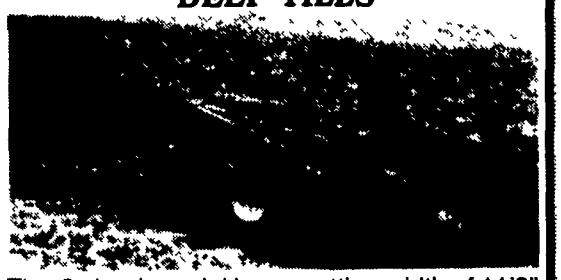
DEEP TILLS

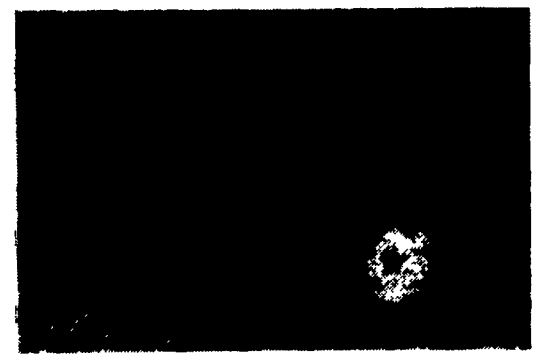


This 9 shank model has a cutting width of 11'3" and is fitted with the optional drawbar hitch. It is equipped with the coulter gang assembly, which has 10" vertical adjustment. Shanks are set at 15" spacing but may be converted to 30" spacing by raising the rear row of shanks. Depth is controlled by hydraulic gauge wheels.

3-SHANK DEEP TILLS

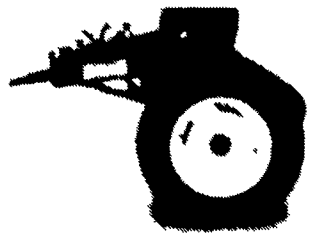
The three shank model, shown above, has a Category II hitch. With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers "

7-SHANK DEEP TILLS



The 7 shank model shown here, as well as the 5 shank model, has a Category III hitch. This model is equipped with single individual trash cutting coulters and cuts a 17'6" width. It uses manual gauge wheels

HYDRAULIC TRANSPORT KITS FOR SURE STAND & TURF MAKER GRASS SEEDERS



IN TRANSPORT Your seeder is raised by your tractor's hydraulic system Seed rollers have about 11" of ground clearance A hinge type transport lock, similar to that used on other Brillion machines is simple, yet secure for road travel Kit includes hoses to tractor, four flow restrictors, cylinders and transport locks

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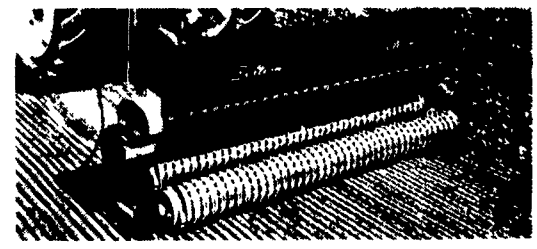
TURF MAKER SEEDERS

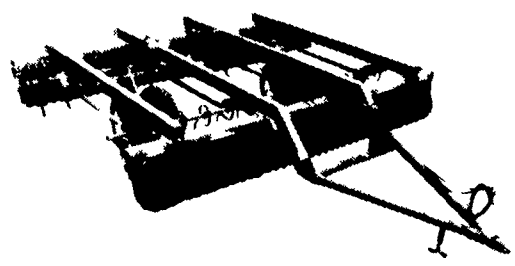


This Brillion specialty seeder utilizes the same world famous seeding method made popular by the "Sure-Stand" agricultural model grass seeder. Variations in seedbox capacity and seed metering mechanisms make these the ideal seeder for special requirements of professional landscapers, turf and sod raisers.

SEEDERS

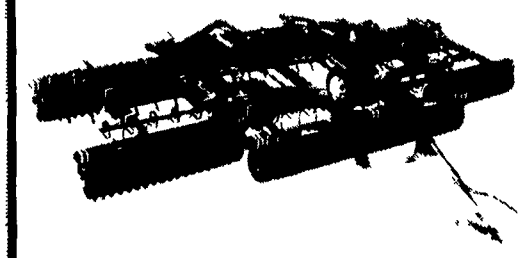
SURE-STAND SEEDERS Get robust, productive stands every time by putting the seed into the ground where it belongs Saves up to 50% on seed costs

NEW ML SERIES PULVI-MULCHERS



PULVI-MULCHERS Build a firm clod-free seedbed — one that lets all the seeds germinate at one time.

WLS PULVI-MULCHERS

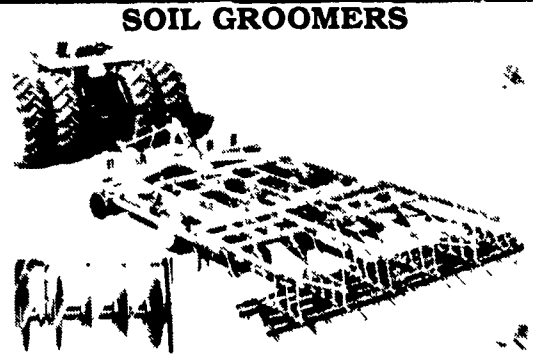


The latest example of how Brillion has met the challenge of the earth and the competition. The front rollers break up surface clods. "C" shaped ribbon teeth or "S" spring tine teeth break up the soil to 6" in depth and pulls clods to the surface.

SOIL BUILDERS

SUPER SOIL BUILDERS Expanded frame for residue flow-thru without plugging. Coulter gang can be hydraulically controlled to save maintenance dollars.

SOIL GROOMERS



Main illustration shows 12-foot Soil Groomer with spike drag harrows. Inset photo shows new disc arrangement with 18" dia. discs that move soil inward to reduce ridging. Scrapers are adjustable.

88-INCH PULVI-MULCHERS

This 88" Pulvi-Mulcher was originally designed for the European market, to meet transport limits. However, this new width has found a home among American operators who have limited width requirements...like truck farmers, nurserymen, fruit and vegetable growers.

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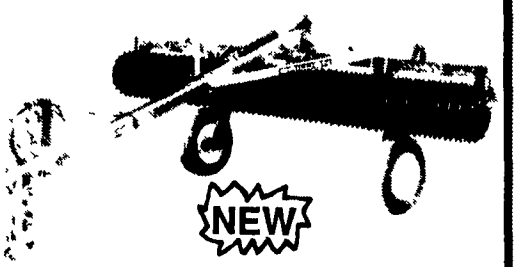
SINGLE GANG PULVERIZERS

This model pulverizer has earned a reputation as one of the industry's huskiest, heaviest smooth wheel pulverizers available, weighing in at approximately 130 pounds per rolling foot.

P10 PULVERIZERS

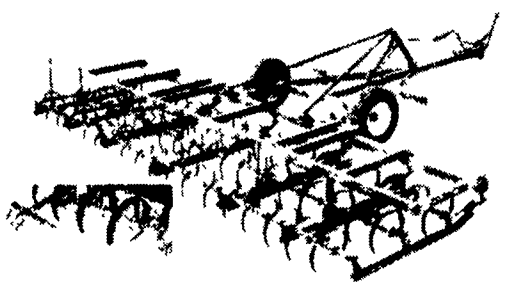


P10 SERIES TRANSPORT CONCEPT Brillion's transport concept is new to the industry. Machine weight is hydraulically rotated over the wheels for transport. This reduces drawbar hitch weight considerably and provides ample clearance for transporting.

X-FOLD PULVERIZERS

The X-Fold pulverizewrs are designed to meet the needs of today's larger acreage farmers... and Brillion offers them in two models and 11 sizes from 19' through 36'

MOUNTED HARROWS



CART MOUNTED HARROWS Allows each section of the harrow to follow the contour of the ground but also has a cart that converts the machine for easy transport.

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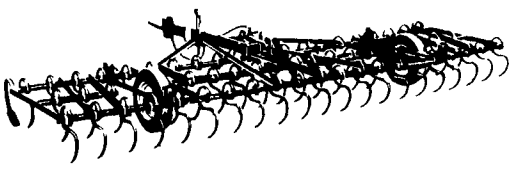
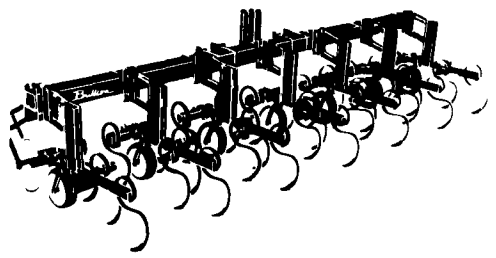
SPRINGTOOTH HARROWS with "INSTANT" TRANSPORT



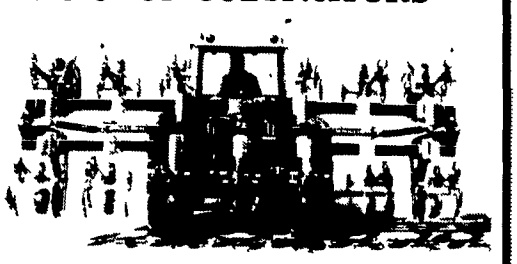
STS and STR series have low profile design with heavier tooth mounting bars, longer wheel wells and PRE-SET depth control. STR models have "C" shaped or ribbon teeth. STS models are equipped with spring tines.

"S" TINE CULTIVATORS



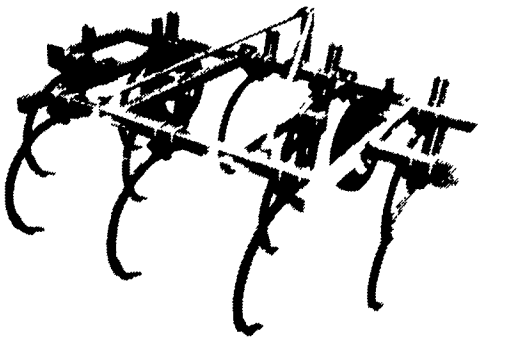
The "S" tine has a four-way tooth movement that is designed for high speed cultivation in conjunction with chemical weed control The spring tines perform well in dry or wet soil, even in rocky ground. The vibrating tines not only kill weeds, but also mulch the soil and level the ground.

Ro-CROP CULTIVATORS



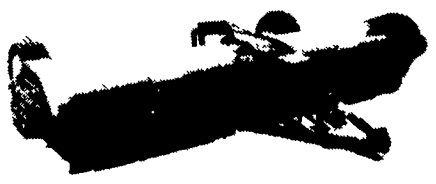
This distinctive Brillion features results from rigid parallel links made of high strength gray iron — each link weighs 12 pounds. The ends are fitted with 2" wide Nylatron sleeve bearings. With this wide bearing surface, frequent resettings in the field are eliminated.

MOUNTED CHISEL PLOWS



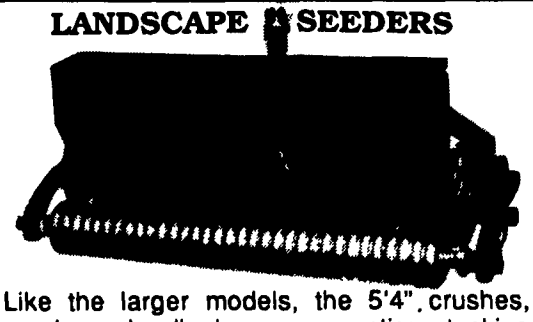
The CPP series of mounted models enables you to turn short and fast. .to transport easily, utilizing your tractor's hydraulic system.

FLAIL SHREDDERS



FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime.

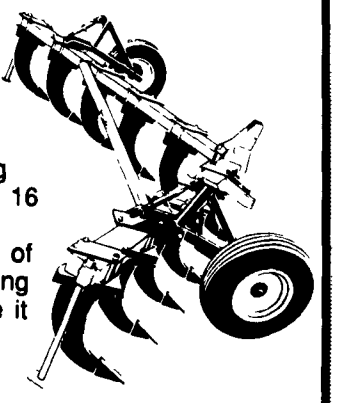
LANDSCAPE SEEDERS



Like the larger models, the 5'4". crushes, seeds and rolls in one operation, tucking seeds in the top ¼ " of the soil... in a firmed clod-free seedbed that gives thick, even stands at greatly reduced seeding costs. The shallower seeding depth is just right for controlled moisture and growth conditions.

SUB-SOILERS

The husky, curved shanks of the Sub-Soiler dig down as deep as 16 inches, shattering compacted layers of plow sole and lifting the hardpan while it is being broken.



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SHORE TRACTOR CO
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Freehold

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Kubota Credit Corp. Unveils 2.75 Percent Financing

COMPTON, CA — Kubota Credit Corporation has announced its new, low 2.75 percent annual percentage rate financing for qualified customers who purchase new Kubota tractors and implements on a two-year contract. Customers also can select a three-year contract at 6.75 percent, a four-year contract at 8.75 percent or five years at 9.75 percent APR. This special financing will be available until September 30, 1989.

Kubota Credit Corporation was founded in 1982 to help customers combat the high prevailing interest rates on conventional loans and now serves dealers and customers in all 50 states.

Kubota Tractor Corporation markets a full line of tractors ranging from 10 to 85 PTO horsepower; a wide range of implements and attachments; compact construction equipment; a variety of lawn and garden equipment and a comprehensive line of consumer power products.

For more information about Kubota products or financing, contact Kubota Tractor Corporation at 550 West Artesia Boulevard, Compton, CA 90220.

Tye Introduces 30-Foot Folding Drill

LOCKNEY, TX — The Tye Company's new 30-foot Series V Folding Drill features a new clear-view, wishbone hitch and the latest state-of-the-art precision seeding system.

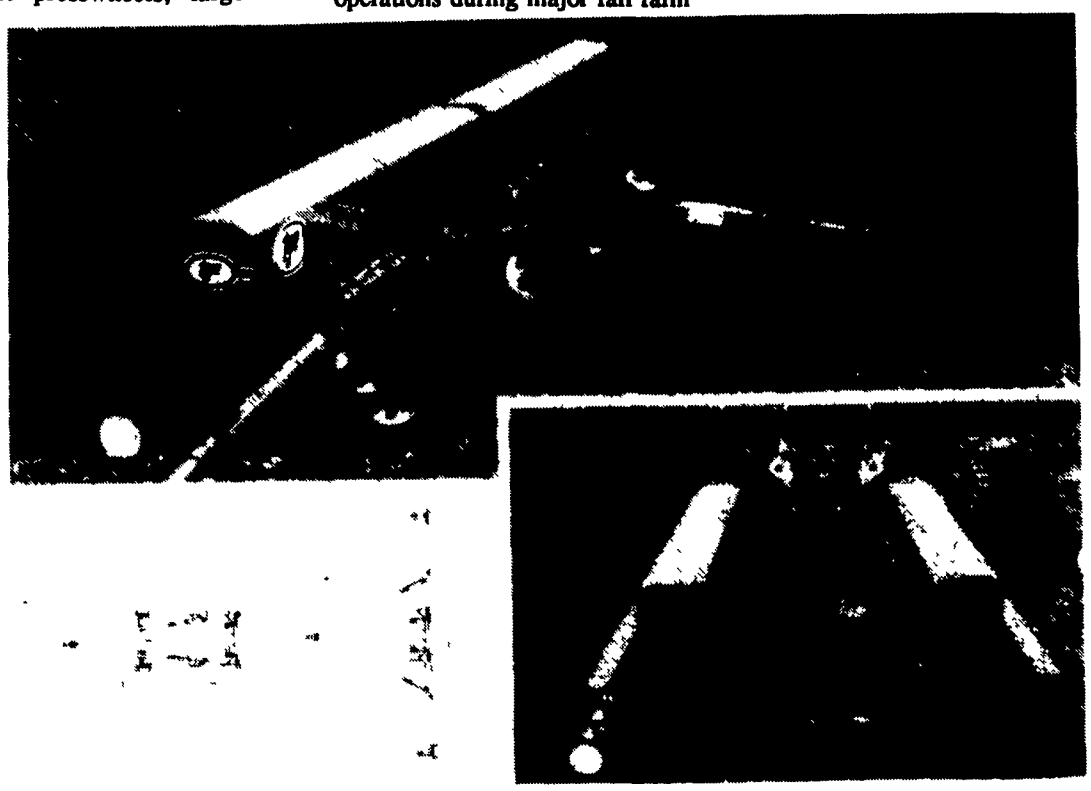
The new clear-view, wishbone hitch gives the operator clear, end-to-end visibility of the drill during planting as well as a clear view of the road behind him while in transport (patent pending). Tye's clear-view, wishbone hitch design eliminates the cumbersome center hitch used on most folding drills and planters.

The all-new hydraulic system folds the drill quickly and easily. Folding can be completed, in a minute, to a narrow 13.8 foot transport width, which is as much as two feet narrower than most other models. Operators also will like the 15-inch ground clearance. Four lift-gauge wheels provide optimum flotation to assure positive depth control. Separate hydraulic lift and folding circuits require only two tractor remotes.

The New Folding Drill utilizes the latest technologies from the Tye Series V Grain Drill family. Standard features include the field proven internal flute seeders, E-Z Adjust presswheels, large 2.4 bushel/foot grain box, heavy-duty row units, rugged 7x7 frame and heavy duty drives. Tye also offers legume, fertilizer and native grass options.

The new Tye Series V Folding Drill will be available this fall in two sizes up to 30 feet. Units will be on display at Tye dealers and in operations during major fall farm shows. The new Tye Folding Drill is designed to offer North American grain, grass and soybean farmers the latest state-of-the-art in precision seeding.

For more information contact The Tye Company, P.O. Box 218, Lockney, TX 79241; or call 806/652-3367.



The Tye Company introduces its new Series V folding drill, which features a new clear-view, wishbone hitch and the latest state-of-the-art precision seeding system.

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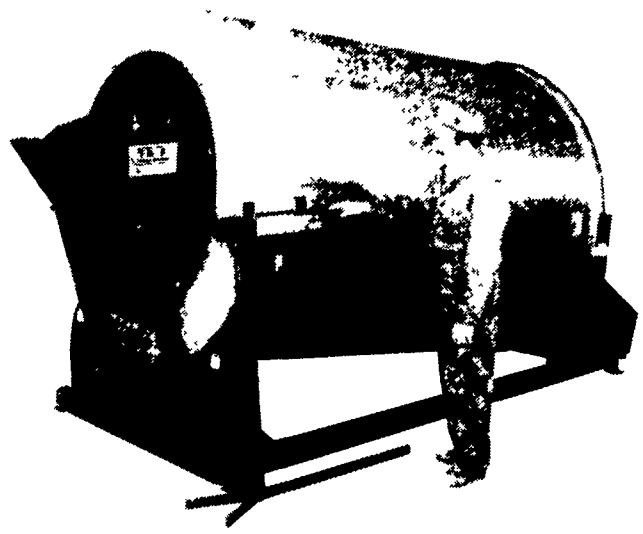

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York Girl Has Angus Cow/Calf Champions At National Show

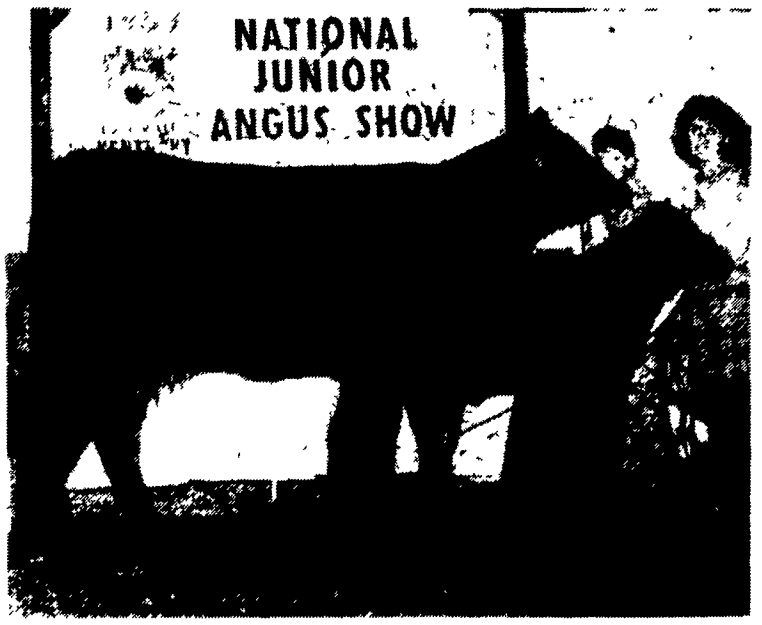
LOUISVILLE, KY — Thirteen-year-old Jennifer Calderazzo of York and her Angus cow, JLC Primrose Personality 129, won yet another national award at the 1989 National Junior Angus Show late last month.

Primrose and her March Brost Power Drive heifer calf were selected as the grand champions in the cow/calf classes.

The three-day show, judged by Jim Gillooly of Washington, Ind., comprised 572 cattle and five classes.

Susan Patton of Crawfordsville, Ind., captured the purple rosette in

(Turn to Page F14)



JLC Primrose Personality 129 and her March Brost Power Drive heifer calf were named the grand champion cow/calf pair at the National Junior Angus Show. Holding Primrose in owner Jennifer Calderazzo of York with Lori Cash of York holding the calf.

The National Junior Angus Association met during the National Junior Angus Show last month. The members of the group's Board of Directors are, from top to bottom, Lori Cash, Centre Hall, Pa.; Susan Patton, Crawfordsville, Ind.; Anne Jones, Forest, Va.; Lisa Hawkins, Mason, Mich.; Leslie Morelock, Fayetteville, Ark.; and Joe Davis, Blue Mountain, Miss. From left, Bill Hollis, Bushnell, Ill.; Kurt Greiman, Garner, Iowa; Billy Reeder, Sunbright, Tenn.; Mark Moxley, West Friendship, Md; John Bell, Georgetown, Ky.; and John Toledo, Visalia, Calif.

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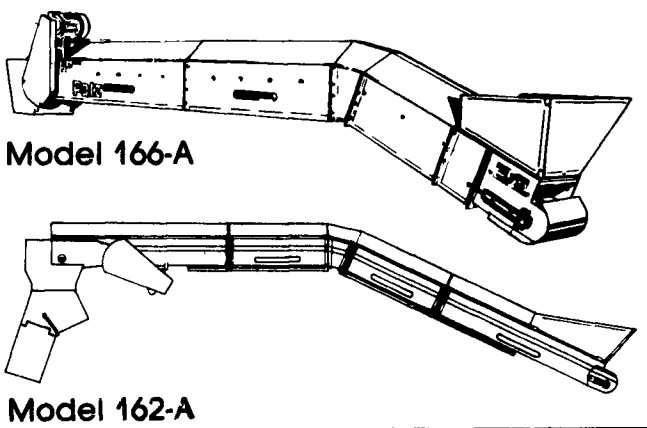
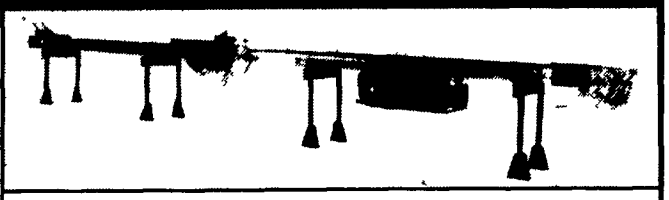


Model 166-A

Model 162-A



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Learn The Latest On Light And Lean Meat

UNIVERSITY PARK, Pa. — Lean meats, light cooking and simple preparations are the watch words of summer cooking. Visitors to "The Meating Place" at Ag Progress Days near State College, August 15-17, will have a rare chance to learn the latest on selecting and preparing meats for a lean and light diet.

Faculty and staff from Penn State's College of Agriculture will discuss how to select lean cuts of pork, lamb, veal and beef and demonstrate low-fat cooking techniques. They also will have available educational materials on the nutritive value of various cuts of meat as well as information about the place of meat in a well-balanced diet.

"Lean meats often require special cooking techniques in order to bring out their best flavor," says Dr. William Henning, associate professor of animal science and coordinator of the Meating Place at Ag Progress Days. "This year, we've asked a number of extension home economists to give cooking demonstrations and help us answer visitors' questions about preparing lean meats," he says.

The Meating Place will be located at the corner of West 8th and Main Streets, in the heart of the exhibition area. Cooking demonstrations of beef, lamb, veal and pork are scheduled every day from 10:30 a.m. to 1:30 p.m. Please check the Ag Progress Days program for exact times.

In addition, the Pennsylvania Beef Council, the Pennsylvania Pork Producers, the Pennsylvania Sheep and Wool Growers and the Pennsylvania Veal Council have developed exhibits and educational materials in cooperation with the College of Agriculture.

Visitors to the Meating Place will be offered taste tests of featured meat dishes and can take home copies of the recipes. They also will be eligible for prizes of $10 off a purchase of any of the four meats after demonstrating their knowledge of lean meat selection and cookery.

Ag Progress Days will be held at the Rock Springs Agricultural Research Center, nine miles southwest of State College on Route 45, August 15-17. Sponsored by Penn State's College of Agriculture, the event is one of the largest outdoor showcases of university programs and agricultural technology in the East. It is open from 9 a.m. to 5 p.m. Parking and admission are free.

York Girl

(Continued from Page F13)

the bred-and-owned heifer division with her entry, Patton Top Girl 821. Patton went on to earn the premier breeder award.

Reserve champion bred-and-owned heifer awards went to Dameron Tall Errolline, owned by Jeff Dameron, 17, of Lexington, Ill.

Ty Krebs of Gordon, Neb., and his intermediate champion, Magnum Unique 2, won the owned heifer class. Coming in second was Northcote Abbie, the January, 1988, daughter of Cobble Pond Rookie owned by Sarah Hill, 16, of Forest, Va.

Hilmes Linebacker of 1806, owned by Henry Hilmes of Flora, Ill., was selected as the grand champion bull, while reserve champion bull honors went to Patton Enticer, owned by Patton.

Stephanie Nelson, 19, of Salmon, Idaho, travelled far to win the reserve grand champion cow/calf pair with Nelson Erica 5101 and her February calf.

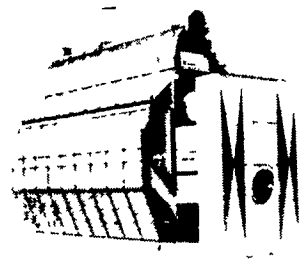
In the registered Angus steer show, Gatorade, a February, 1988, son of Premier Top Gun was named grand champion. The 1,244-pound steer was owned by Chad Wilson of Cloverdale, Ind.

Kristin Lindow of Chili, Wis., led Fernvale Linedrive to the reserve grand champion steer title.

For the second year in a row, members of the Illinois Junior Angus Association placed first and won $100 in the group-of-five competition. The Indiana contingency placed second with Virginia Juniors coming in third and Pennsylvania Juniors placing fourth.

The National Junior Angus Association meeting was held in conjunction with the Angus show. Six new members were elected to the 12-member National Junior Angus Board of Directors.

FARM FANS: a TRADITION of EXCELLENCE



Farm Fans has established a tradition of excellence with grain farmers everywhere by producing the most energy efficient, automatic, and dependable dryers possible.

Farm Fan's excellence is illustrated by our pride of workmanship, and the use of our dryers by some owners for over twenty years.

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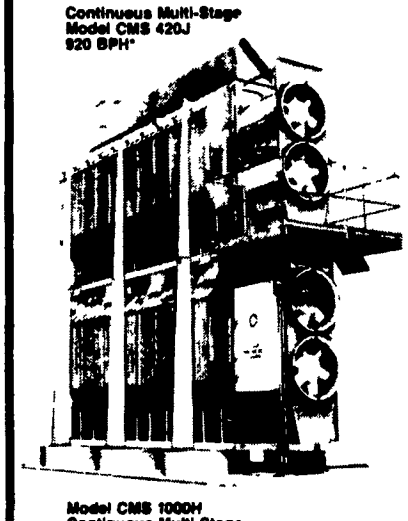
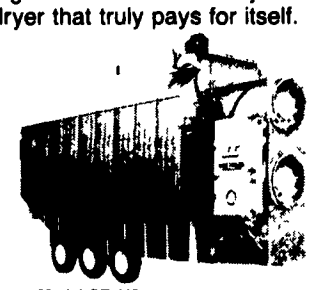
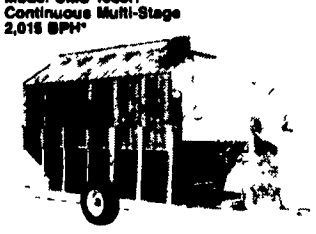
Continuous Multi-Stage Model CMS 420J 920 BPH*



Model CF 410 Full Heat Dryer 815 BPH*



Model CMS 1000H Continuous Multi-Stage 2,015 BPH*



Model AB 180 Automatic Batch 290 BPH*

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2 1980 KW c.o.e. 400 Cat 9-sp. p.s./a.c. spendor interior, Budd wheels alum. front, low miles, super nice. Adams Co. 717-334-2868.

1966 Int. 200 dump truck, Lanc. Co. 717-665-3905.

73" manure or brush fork bucket fits 1845 case skid loader. Lanc. Co. 717-665-3905.

JD drag elevator no motor $175, NI hay cond. 7' $125, Oliver corn planter 2 row $100. Lehigh Co. 215-799-3082.

1930 Packard 1700 41,900 miles orig. unrestored cond., never any rest always kept in garage. Balto. Co. Md. 301-788-2074.

1978 Olds 9-pas. station wagon, dark brown, Ontario grain drill on rubber, 5 h.p. go-cart very good, $300. Franklin Co. 717-349-7447.

Bungartz diesel tractor, mower, tiller, needs clutch, fair/poor cond., $550. Flail mower for Cub Cadet, $250. Schuyl. Co. 717-386-2107.

JD 350 loader w/high arch winch, log forks excel. logging tractor. Kent Co., Del. 302-284-4809 after 6 p.m.

Old motorcycles wanted, cash waiting, also literature & parts, any cond., no Japanese bikes please. Lanc. Co. 215-267-5822

Barn poles 6"x6"x12', 15', 16' long, fancy post, elec. fence stakes .40 ea. all creasated. Franklin Co. 717-597-4494.

Int. flat bed dump 5x2, 30,000 GVW, new king pins & air brakes, solid sides, vg. solid running truck $3500. Montg. Co. 215-287-8668.

Doctors carriage, wheels & wood in good cond., needs work on top and front $850 or best offer. Montg. Co. 215-272-4973.

Ford pickup F-250 high miles, $850, calf hutches built to last $100, hay wagon 5 ton, $400. Leb. Co. 717-865-2004.

Complete double pony work harness w/collars, pair 14" collars, negotiable liverpool bits. Leb. Co. 717-272-6819.

1936 1½ ton Ford, partly restored, runs B.O. over $1000, Earl Williams, 1641 S. Olden Ave., Trenton, NJ 08610, Mercer Co. N.J.

Lycoming Co. 145A. 3 mi. W. of Fry Bro's Restaurant off Rt. 15, 20 mi. north of Williamsport, Pa. No Sunday interviews. Rebecca S. Esh, RD 1, Box 212, Trout Run, Pa. 17771.

NH 36 chopper, Case 95 spreader, 3 pt. weed sprayer, 8' cultipacker, pig nurseries & pen's, wall paneling. Leb. Co. 717-865-5424.

AKC collie puppies, stud service collie, pomeranian, dalmation, also rabbit or guinea pig pens, cattle rack 12' bed, Lanc. Co. 717-733-8770.

Hot!! Think cool! Used Meyers power angle snow plows, one western plow. Spring rain makes winter snow. 301-398-7680.

AQHR yearling filly, bay; yearling sorrel filly- both should mature 15.2+ excel. english or western pleasure prospects, reasonable. Lanc. Co. 717-664-3574.

330 Weaverline feed cart in good cond. w/good batteries & charger $1150. Lanc. Co. 717-548-2166.

Used 20 ton Schuld bulk bin no boot available asking $1500. Lanc. Co. Ask for Jack 717-768-3301.

1940 Buick super 4 or complete, solid, runs ok $1975. Dau. Co. 717-545-2086 eves.

Deutz DX 90 PS good cond. clean or steel wheels, best offer. Lanc. Co. 717-354-0018.

10' Dunham culti. mulcher transport good cond. York Co. 717-235-3627.

Wheat straw, 50 lb. bales $1.00 per bale, steer hay $1.00 per bale, Victory 700 coal stove. Lanc. Co. 215-484-2104 after 4 .m.

1978 Single axle Mack dump truck like new, also other tractors & ready to make dumps avail. Lanc. Co. 717-627-1210.

White field boss 70 HP diesel, $8,500, 4 row danishtime cult., $925, 4 16" btm. plow, good cond., $985. Lanc. Co. 717-665-5195.

Oliver 3 16" plow & packer, Ford 2 14" 3 ph. cults., sidedresser, snow plow, for Cub, A, Super A, A-V, H. JD lime drill, dbl disk ridgers, grain drill, 4, 5, 7' drag-disks primitives. Salem Co. N.J. 609-358-8625.

JD 2240 loader 146 JD 2640 NI-lo both exc. cond., 509 NI cutditioner, exc. cond. Cambria Co. 814-288-4855 eves.

Rye seed cleaned $5.25 bu. 77 GMC pickup truck w/ toolbox $1000, large new rabbit cage $40, Lanc. Co. 717-687-6321.

Honda 2200 generator $525, 2 air nailers $160, both A-1, 375' sq. hardwood flooring clean $550. Lanc. Co. 1-717-656-4625.

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JD 520 3 pth. power steering live PTO dual hyd. new clutch, new paint 80% rubber, works great v.g. cond., $2400 OBO. Wayne Co. 717-224-4162.

Leola 30x90 tobacco shed, excel. cond., best offer. 717-656-2348.

1932 Farmall regular tractor completely restored in excel. cond., on rubber tires, $1300. Daniel Young, 308 North Main St., Chalfont, Pa. 18914. Bucks Co. 215-822-0836.

1¼" Surge glass pipeline system for 44 cows w/ Alamo 75 vac-pump, milk pump, automatic washer & wash vats. Bedford Co. 814-766-3239.

JD 125 silage wagon 3 beater good cond. with 1065 gear, $1800. Lyc. Co. 717-745-7466.

Oliver sulky plow 23-A. 814-274-8556.

6000 lb. Hyster fork lift, air tires, $4500. Write Eli J. Mast, R3, B13, Meyersdale, Pa. 15552.

1880 NH self propelled forage harvester w/almost new cornhead plus 1 tandem wagon. Lanc. Co. 717-653-5819 or 717-653-1631.

MF 175 diesel late model $3200, OBO. 5' pull type cultiharrow, $150 OBO, nice, can deliver. 609-769-4159.

JD #1520 gas tractor, NI 206 manure spreader & other well cared for farm equip. offered at Parrish farm equip. sale, 8/19/89, New Freedom, Pa. 717-235-4534.

Pair 5 yr. old sorrel work horses broke and ready to go, $1500. Omar G. Esh, 394 Haiti Rd., Quarryville, Pa. 17566.

1975 Vega 5th wheel trailer, full bath new furnace, 30' long. Sch. Co. call after 7 p.m. 717-345-8149.

JD 3 RN 3 row narrow corn head, heavy duty gathering chains $2000, can deliver. Leb. Co. 717-867-4944.

Fly killer & flying insects electronic JD coverage 1¼ acre excel. cond. Perry Co. 717-567-6754, call weekdays.

Ford 901 tractor 42 home power tricycle front end selecto-speed asking $2800. Somerset Co. N.J. 201-234-1794.

8' jump shear cuts 16' ga. or 18 ga. & 3' pexto shear of 30" barfelder. York Co. 717-792-9282.

Yale pallet pusher "unloader" w/forks & 2 hyd. cyls. weighs 1,000 lb. $450. Schuyl. Co. 717-366-1227.

275 bu. Moridge grain dryer stored inside ex. cond. $2500, also a grain tank spreader, belt driven grain blower. Warren Co. 201-689-3332.

2 angus/simmental cross heifers & one steer 400 lbs. $300 ea. Leb. Co. 717-865-4725.

5x16 tag-a-long stock trailer. Alway, shredder, make good two horse plus tac room. Carroll Co. 301-857-4639.

Wheat-cert. last year. Tyler & twain. Clean & treat $4.50 bu. Edwin Weaver, Denver, Pa. Lanc. Co. 215-267-2765.

Ear corn, shelled corn, barley, oats, feed wheat, soybeans. Perry Co. 717-444-3968.

Cub sickle mower & cults., sawmill, complete, Detroit diesel, simonds saw, log turner, extras sell as unit only. Perry Co. 717-567-3470.

Spring wagon painted & in real good cond. Leb. Co. 717-272-6819 morn. or eve.

ACXT 190, IH 350, 479 haybine, super 68 baler, IH skid loader, JD hay rake, hay elevator, flat wagons, 717 harvester. Leb. Co. 717-867-4254.

Dunham quick attach. loader, light duty, $650, 69 Dodge ¾ ton pickup for parts $200. Fulton Co. 717-294-3341.

Reg. hol. first calf hfr. due end of Aug. Lanc. Co. 215-445-6378.

White Eskimo spits pups ready to go. Lanc. Co. Manheim, Pa. 717-665-6460.

Isuzu diesel power unit approx. 25 hp. automatic shut-off controls 1-owner, good cond., $950 OBO, MC #7 cutter fill pipe $250. 717-656-9596.

Pair work horses, red sorrel broke 10 year old chestnut carriage horses, broke family horse. Adin M. Hoover, 737 N. Railroad Ave., New Holland, Pa. 17557.

Approx. 280' Pyrex (double tough) chore boy pipe line, also dumping station, also bathroom commode & wash bowl, best offer. Eli O. Ebersol, 337 Black Bear Rd., Quarryville, Pa. 17566.

NI 2 row mounted 319 gathering unit w/322-12 roll husking unit & 315 shelling unit, also JD 71 stationary corn sheller w/30' drag. Montg. Co. 215-723-6169.

Hog equip. feeders, waterers, feed system like new, 1100 gal. vacuum tank spreader after 4:30 p.m. Salem Co., N.J. 609-935-6215.

Stock trailer 16Lx8wx7H bumper pull Moritz heavy duty brakes on two axles undercoated used once. Fulton Co. 717-597-5611.

4 young white mute swans, amhearst yellow & red golden pheasants, also fancy pigeons. Newville area. Cumber. Co. 717-423-6620.

Industrial 19-62 Ford loader w/2 buckets for NAA tractor, NI tractor w/mower, blade, blower, also hydraulic motors. Sussex Co. 302-422-5159.

360 engine, trans, case from 77 wagoneer, all need rebuilt, also pears, other items. Berks Co. 215-779-8694.

2 Canada geese $25 ea. 3 yrs. old. I have all necessary permits, 215-683-8426 morns. Berks Co.

1982 Int'l truck DT466 26' straight job 5 spd. 2 spd. rear 48,000 lbs. GVW tag axle, $14,000. 215-367-4413.

Arab/QH 6-year old mare, 13.1 h. rides & drives, good on trails, great in harness. Leb. Co. 717-949-3546.

NH 68 baler needs repair, 3 pt. rubber tired hay rake your choice $225. Berks Co. 717-865-3366.

4 wd Bolens 17 hp diesel w/ loader, Woods RM59 mower $5100 OBO, 74 Int. S/A dump, 478 gas, ready for work, $4500. 215-756-3550.

Walker- Arabian, 7 yrs. old, sorrel, 15.1 hands excel. trail horse $1,000. Lanc. Co. 717-284-3453.

14" deer/Oliver drawn 2/wy plow, L/s new Oliver R/s new mouldboard. 20734 Slabbridge Rd., Balto. Co. Md. 21053.

Chainlink dog pen, 12'x6'x6' two doors in front. 2 sections, no back. Lanc. Co. 717-664-4335 call after 7 p.m.

Cat D-6 dozer, brush cab, 6-way blade, also, crawler loader IH 150, needs work. Albemarle Co. Va. best offer. 703/832-3963.

Dayton exhaust fan 40" opening w/36" blades exc. cond., $100. Porch swing w/chains $45. Lanc. Co. 717-626-6275.

JD 2640 Hi-Lo low hrs., JD 2244 w/146 loader low hr. both tractor exc. cond. Cambria Co. 814-288-4855 eves.

1934 Auto-car truck 1½ ton Winch 6 cyl. split windshield cowl lights complete easily restored, $2200. Montg Co. 215-679-5788.

1976 four horse/stock trailer w/elec. brakes & current inspect. good cond., $2300, OBO. Cumber. Co. 717-776-4971.

IH Cub Lo-Boy 60" mower, 54" front blade, wheel wghts. & tire chains, fast-hitch, single ferrow plow, $2400 OBO, IH Cub #1250 w/48" mower hst $1100. Del. Co. 215-358-5839.

IH 2514B backhoe, D2, AGL, Case SC, F12, T20, 20 ton telhoist, 9' dump, 20' steel flat, utility. 717-223-8496.

Campgrounds, gymnasium, cabins, store, 175 camper hookups potential, shaded, laundry, toilets, showers, near Interstate. Wash. Co. Md. 1-717-597-3169.

NI 323 corn picker steel wheels ready for horses, good cond. Lanc. Co. Jacob K. King, 1296 Byerland Church Rd., Willow Street, Pa. 17584.

Amish buggy w/hydro brakes $925. Gideon King, 5465 Elam Rd., Kinzers, Pa. 17535, Lanc. Co.

4x4 16-18 tobacco rails for sale. Eli L. Newswanger, 1630 Division Hwy., Narvon, Pa. 17555.

VW 67 sq. back, excel. cond., one owner, 77,000 orig. miles, good dependable transportation. Lanc. Co. 717-627-8504.

Case 1830 skid loader 1600 hr., $5500, 275 gal. fuel tank w/pump $75 OBO, Lanc. Co. 717-733-0298.

Champion two horse wagon good cond. Cumber. Co. 717-243-8149.

Fairbanks platform scale 1000 lb. capacity, all wghts. included, nice shape $125, Lanc. Co. 717-653-1064.

Goats: healthy purebred alpine buck (2 yrs.) & doe (1 yr.), raised w/family, very reasonably priced. North'ton. Co. 215-252-8341.

Ford F-250 1978 4 whl. drive, also hydra trencher, 2400 fits on skid loader. 215-932-0788.

New 7' blade, $250, bear front alignment, air lift rack, $350, plate tamper, $450, 3-phase panel, $750. North'd Co. 717-286-5306.

820 Diesel two cyl. F-30, F20 w/mower, 2nd root rake for D-7 or D-8 cat. Lanc. Co. 717-285-5345 call after 9 p.m.

3500W gen. 9 HP cast iron B&S eng. ex. cond, used very little. Ron Wolf, East Earl, Lanc. Co. 215-445-6180.

1963 Ford, F700, 30,000 GVW, 15' grain dump, 5+2 trans., $2,500 OBO. Chester Co. 215-384-0583.

4 yr. old saddlebred horse, traffic safe & sound. 717-354-7595.

JD 32 crimper good cond., ready to mount engine, McCormick Deering 24 blade disk, good cond. Isaac S. Lapp, 124 N. Star Rd., Ronks, Pa. 17572.

JD corn binder w/loader, $1000. Aquilla L. King, 535 St. Catherine Drive, Quarryville, Pa. 17566.

6 yr. old standardbred trotter traffic safe, sound suitable for older person, nice hitcher. Lanc. Co. 717-656-8916.

Woods 5' cadet 60 rotary mower slip clutch trail type, very good cond., 3-14" JD plow mower, $500, plow $250. Perry Co 717-438-3276.

Maytag wringer washer in good cond., $90. Lanc. Co 215-267-3045.

1954 Chevy 4 door sedan w/no engine, $200 or best offer. Lanc. Co. 717-664-3655 or Leb. Co. 717-866-5455.

450 Honda motorcycle 6500 miles, one owner, garage kept w/nice chrome. Sch. Co. 717-682-8943.

Blond Belgian mares, white manes and tails, 4 yr. old $650, 3 yr. old., $800. Eastern Berks Co. 215-385-6537.

2 work horses 5 & 7 yrs. old lots of snap. Rufus Martin, RR1, Denver, Pa. 17517, 1 mile west of Fivepointville, Kramermill Rd.

Silage cutter w/42" drum in good cond., Lanc. Co. 215-445-4420.

80 gal. elec. hot water heater used only 2½ yrs. Ivan M. Shirk, 203 Amishtown Rd, New Holland, Pa 17557, 717-354-9639.

Reg holstein service age bull for board. You feed for using 4,000 gal liq spreader. Lanc. Co. 717-626-5555

No 72 MF S P. combine 12' grain head w/extra sieve for clover seeds, working cond, make offer. Leb. Co. 717-866-5204.

Border collie pups, purebred, herding instinct, priced reasonable. Stephen Fisher, Box 114, Lincoln Univ. Pa. 19352, Southern Chester Co.

Surge Universal vacuum pump w/5 h p. motor, tank & muffler included, used 4 yrs. $600 B.O. Chester Co. 215-269-3442.

Kan-Sun by Butler grain dryer 365 bushel per hr single phase, $1,000 OBO Leb. Co. 717-274-1413.

Stoltzfus feed bin 8 ton good grain storage must be moved $150 Lanc Co 717-738-2598 eves

Farmall B tractor & cult, Farmec C tractor & cult, 65 Chev truck w/closed body Queen Anne Co 201-482-8452

Arab mare 5 yrs. Al-Marah Canalins granddaughter 7/8 & filly 1 yr. flashy, good dispositioning deliver reasonable distance Bucks Co. 215-257-1351

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MAILBOX MARKET FOR SALE

Wood Bros. 1 row picker good cond., $150. York Co. 717-235-2032.

IH 211 2x14 tripback FH plow; MH 7x28 drag disc; McD. 8' cultipacker; Grove forage wagon with or without 8T gear, PTO, all good. Carroll Co. 301-848-0711.

Wide front end for Farmall H, new 4, 5 & 6 ft. chicken feeders, 4-16" wheels 8 lug off 1969-¾ ton chevy. Berks Co. 215-488-1762.

1981 Ford window van, 3 spd., 302, AM-FM, CB, 32' alum. ladder, 2-20 gal. fiberglass saddle gas tanks w/control. Berks Co. 215-488-1268.

Rainbow vacuum cleaner, Kenmore heavy-duty washer model-70 needs timer, 2 qts. Ectiban-EC insect., Kelsey hayes brake control. 215-488-1268.

1970 Buick LaSabre 350 auto-cruise good cond., 4 door black, $400, or best offer inspect. good to 12/89. Lanc. Co. 215-267-3634.

Creamtop (Lancaster) pint milk bottle with "Junior Jug, That's Me" on back label perfect, $6.00 ea. 717-394-4219.

1988 Honda foreman (4x4) 350 v.g c. super 6 manure loader w/hyd. bucket to fit 8N/9N MF-35. Lanc. Co. 717-665-3865

NH 258 rake- sharp- MF S90 rebuilt eng. new tires- 2R 3 pt cult. w/ rollerguards 717-626-0435.

Dearborn 1 room propane gas heater thermastic controlled w/flue $50 OBO. Berks Co. 215-944-9973.

Reg. Belgian stallion head horse, top quality, 7 yr. old works anywhere. Ervin Hoover, Box 188, RD1, Denver, Pa. Maple Grove Rd. Lanc. Co.

Horse for older folks safe & sound, $400 or best offer. Elam M. Ebersol, 558 Gibbons Rd. Bird-in-Hand, Pa. 17505.

NI 768 3 row W/N corn head, always stored inside, good cond., $1200. Montour Co. 717-437-3469.

NI 17 manure spreader very good $1195, NI 323 cornpicker field ready $1995, IH 100 fast-hitch mower $295, 2-14" bottom Oliver Raydex trailer plow $375, NH baler very clean $575, corn drag & motor $295. 717-354-0266.

JD hydraulic dump grass vacuum, fits 300 series tractor, excel. cond., $1000 or make offer. Lanc. Co. 717-548-2893.

Used Nicholson tedder $500. Susq. Co. 717-222-3928.

3 PH 8' B blade scraper, AC 15 generator for PTO, Farmall M or H wheel wghts., fenders, 125 drill press. Montg. Co. 201-741-8109.

Used 3 pt. tractor backhoes, Davis 6', $1500, Arps 8', $1800, Kelly model 60 10½ ft. w/PTO pump, $4000. 215-358-0725.

Parlor stalls single 4 herringbone w/crates, elec. motor, 3 hp. GE tri-clad. Franklin Co. 717-267-3834.

Triumph hydraulic 5' belly mount sickle mower off of Ford 3600, $990. 7 am-Noon, Sunnybrook Nursery, Gloucester Co. 609-769-1315.

For sale or for rent, 17 acres. Marian Pa. Feaster Rd., corn or alfalfa. Hagerstown Soil Fr. Co. 717-375-2375.

1981 Ford Granda, 64,000 mi., 6 cyl., air, automatic, excel. cond., also exercise bike, Leb. Co. 717-949-3860.

F20 manifold 120 ABG, JD fenders 250 to 350, 4 hp R&V gas engine 750 at Rough & Tumble, Lanc. Co. 717-548-4131.

AC-CII combine 14' grain. platform $1500, 543 White cornplanter 4 row $500, Oliver Super 88 tractor $1000. Union Co. 717-568-2810.

Spring ram lambs 40 lbs. to 100 lbs. ready for breeding & marketing shropshires; good stock. Berks Co. 215-926-4436.

Poultry equip. for sale, big dutchman feed troughs, good cond., water pipe 20" center, hart cups. Berks Co. 215-682-2362.

School desks $1 ea. 40. Franklin Co. 717-532-7582.

Big 5 yr. old standardbred horse- real trotter! Unsafe for women, also pony w/ lots of rep. Amos Fisher. 717-768-3239.

White 348 3 pt. 3X auto. spring trip plow. Athens 3 pt. 7 tooth chisel plow. 1537 Case Uni-loader. Lanc. Co. 717-626-7669.

4 nice driving & riding ponies also hauling pony harness & cart. Call after 5 p.m. 717-442-9026 or 717-442-4967.

Complete gear box for IH #45 baler good cond., radiator for Irish Fordson tractor good cond., Lanc. Co. 717-569-3879.

Complete walk-in cooling unit includes compressor, 4 evaporators w/all new copper tubing. 717-966-0466.

JD 4010 diesel good rubber fresh paint $7000 neg. Tioga Co. 717-549-5572.

1966 Mercury parklane A title 410 cu. in eng., $500, also 390 cu. in. eng. 78 Dodge pickup w/cap AT PS PB. York Co. 717-938-2197.

Plastic freezer containers P&S & Qts., also White Mountain elect. ice cream freezer. 717-626-8414.

22' Zimmerman gooseneck trailer 14,000 lb. oil bath, axles 9:14.5-12 ply tires. Lanc. Co. 717-949-2536.

30' gooseneck tilt flatbed w/ winch 3 axle trailer. Berks Co. 215-562-5124.

Elevator corn or bale 110/220V rubber tires works, $150. G. Kotula, Merritt Reading, Berks, Pa. 19608.

New & used baggers & hay wrapping machines. 717-949-6511.

NI 844 N. corn head used less than 100 acres. Lanc. Co. 717-284-4806.

1975 Chevy pickup, power steering load motor & automatic transmission 350 engine, $1000 or best offer. Also a 350 engine for rebuilding, also a 305 Chevy engine (V8 engine) & automatic transmission. 717-786-3011.

2 black faced yearling suffolk rams, Lanc. Co. 216-267-6983.

Grey ¼ arab gelding, English & Western, excellent trail horse, jumps, drives, good youth horse, sound, reasonable, Lanc. Co. 717-665-6616.

30' gooseneck tilt flatbed w/ winch 3 axle trailer. Berks Co. 215-562-5124.

JD 3020 dsl., NF, power shift, $6000, JD 48 loader (needs bucket) $1500. Juniata Co. 717-463-2394.

AKC Rottweiler male 5 yrs. old very friendly dog, $125. 215-445-5195.

1984 Ford F150-XLT pickup, V-8,351, excel. cond., A.T., A.C., AM-FM, extras, 60,000 mi. silver with matching cap, $6,000. Berks Co. 1-215-670-9520.

18 cu. ft. upright coldspot freezer, 25" chromacolor Zenith TV, upholstered love-seat sofa & chair, 2-tier formica coffee table, Maytag washer & tubs. Schuyl. Co. 717-386-5169, 9.00 p.m.

Moridge 400 bu. grain dryer $900, NH 20' mow conv., $100, Myers 200 gal. piston pump sprayer $225. Bucks Co., Nights 215-968-4808.

AKC collie puppies s/w, shots & wormed, males only ready 8-10-89; AKC collie stud service available, champion bloodlines. Mifflin Co. 717-543-5999.

Angus Simmental cross bull calves, 400 to 650 lbs. excel. club calf prospects. Col. Co. 717-458-5340 after 8 p.m.

Express wagon brand new $120 or reasonable offer. Lanc. Co. 717-626-7233.

NI Unisystem 702 diesel harvester 3 row head $2800 OBO. Cumber. Co. 717-532-3885.

1 Dorset & 1 Cheviot reg. yearling rams excel. bloodlines call after 5 p.m. York Co. 717-244-0594.

Polled fullblood simmental bull from polled signal cow alpine polled proto sire born Jan. 89, gentle $850. York Co. 717-225-4586.

Complete VE Stoker coal furnace working order $60. 215-445-4266.

NI 324 2RW cornpicker w/12 roll husking bed $3200, 2 RW corn head for NH 770 harvester $400 OBO. Lanc. Co. 717-733-0171.

Int. 45 baler $100, it won't tie, but I have plenty of good spare parts. Bucks Co. 215-346-8576 eves.

MF 410 combine diesel cab, 13' grain & 4 RW corn head, good cond. Ed Brewer, Wyoming Co 717-833-2720 eve.

Generator 12.5 KW 120/240 AC 1PH 1800 RPM. Also Wisc. Model VF4D w/clutch, Berks Co 215/367-7210 between 12-2 00.

Sex Sal link pullets 20 wks. old Sept. 1st. 717-665-7917 after 5 p.m. or 1-800-468-5524 days.

706 gas NF 3 pt $3000, parts to 4 to 8 Perkins rebuilt head for 574-D, $400. 717-354-7267.

1974 Trojan, clean machine 30' good cond. fly bridge sleeps 6, best offer. Bucks Co. 215-348-3427.

Oliver horse drawn manure spreader on steel very good cond. North. Co. 215-837-0163.

2 220 Mercede diesel motors will fit 62-73 cars $450 ea. Harford Co. 301-838-9040.

JD #30 2 row level bed potato digger, Somerset Co. 814-467-7262 after 8 p.m.

1980 Ford 4x4 F250 good cond., $2500 trailer 8x20 tandem axel good cond., $650, camper trailer $300. Wash. Co. 301-733-0364.

Large quality firewood cured and split approx. 100 cord. Samuel A. Stoltzfus, 423 Woods Rd., Oxford, Pa. 19363.

JD 440 diesel crawler loader, good cond., $5,000. Perry Co. 717-582-7725.

Nice 1954 NNA Ford tractor, power steering, recently overhauled, new wiring, good tires, no rust, $3000. Leb. Co. 717-867-5228 after 4 p.m.

38' Little Giant elevator w/2 HP motor, IH 350 10' transport disc, 56 blower, McCurdy gravity bin. Franklin Co. 717-328-2336.

Jack Russell terrier tricolored 8 wks, female pick-of-litter. Sire is a blue ribbon winner, $150. Perry Co. 717-536-3265.

1977 K5 Chevrolet Cheyenne Blazer 4x4 good cond., good tires $2595 neg. Leb. Co. 717-469-2138.

Hunting cabin Tioga Co. well elect. natural gas easy access, good hunting priced to sell. 717-768-8393.

Delaval 76 vacuum punk 1V3 HP motor vacuum tank. 717-354-0832.

10,000 tobacco lath $10, hundred Farmall A tractor w/cults. dependable $1500 or best offer. Marietta, Lanc. Co. 717-426-2296.

Bridgeport vertical milling machine w/j-head serial number 4200B, good maintaneous machine. Lycoming Co. 717-584-3010 between 7 a.m. to 4:30 p.m.

Dion silage wagon, good working cond. Leb. Co. 717-865-4645.

American wood hog, tractor PTO driven, $7500, 1979 cab-over Ford w/Detroit engine $2500. No Sunday calls. Schuyl. Co. 717-345-6278.

Two gravity flow valves for manure 18", also 18"x12' PVC pipe. 717-665-6908.

79 F model mack 237, 5 spd. air dryer, single axle, $3,750 or best offer, 48 GMC 6'x8' dump. 717-653-9580.

IHC first baler made has 6 HP Titan eng. on baler head blocks ball bell, can be seen at rough & tumble., $2000. 717-354-9939.

5 spd., 16' Int. farm dump truck, 30,000 gross. Lehigh Co. 215-298-2342.

2 Angus bull calves 11 mo. 800 lbs. excel. breeding bulls. Lanc. Co. leave message John. 717-664-4141.

4 yr. old standardbred trotter, traffic safe, sound style, like saddlebred walks fast. Lanc. Co. 717-859-2374.

1983 C-J7 jeep excel. cond., western snow plow power angle, $3950. 215-757-1447 after 5 p.m.

Computer: IBM-XT, hard driven color monitor, $1299 w/Epson printer, $1099 without printer. 412-459-9615.

Chester White boars ready for service, sound plenty of bone, out of pseudorabies, brucellosis, free- will deliver. 717-632-4722.

3½ sheets ¾ in. pressure treated plyboard, $25 for sheet, cash only no checks. Lanc. Co. 717-442-8317.

Texas long horn holstein crossbred app. 400 lb. 90¢ lb. 717-865-4931.

Ford Aerostar trailer hitch, class II, like new. $85. 717-949-2050 after 5 p.m.

Round corn crib 1200 bushel. 717-292-5898 leave message.

6450 Hesston self propelled haybine only 575 hrs. exc. cond., $7500. Sullivan Co. 717-924-3963.

JD 3010 gas, wide front end, new brakes, MH No. 35 combine runs good. Franklin Co. 717-597-7486.

1979 Mercedes Benz truck chassis 25,000 GVW, 5 spd. diesel engine asking $6500. Montgomery Co. 215-723-1871.

MM U tractor repair or parts $250. Montg. Co. 215-489-9692.

300 Sex-Sal pullets 2 wks. old $3.20 ea. Israel Stoltzfus, 1536 Kirkwood Pike, Kirkwood, Pa. 17536, get them in eve.

Overhead door medal 14 wide, 12 high also. For sale NH corn head 880 R2. Lanc. Co. 717-656-8531.

10 tooth pull type chisel plow excel. cond. 717-566-2749.

Double hung window w/ comb. storm, apartment size refrigerator, self propelled lawn sweeper, Ford F150 Std. Trans., Lanc. Co. 717-656-6644.

Snyder Co. 25 acres farm, 4 bedroom house, barn, lg. wagon shed, silo, corn crib, 4 miles north of Beaver Spring, $69,600. 717-658-6386.

74 Chev. dump truck 17,000 gross wt. 6 cyc. 4 spd., $2500 or best offer, also 200 silkies. Lanc. Co. 717-738-1759.

1983 Kingston Classic horse trailer $1850. Chester Co. 215-869-0289.

1947 JD A tractor w/Ford end loader, 3 pt. kit., $1500. York Co. 717-637-9375.

IH 15 rake, very good mechanically, could use paint, call eves. Juniata Co. 717-463-3953.

1966 Buick Skylark, 2 door, 50,000 mile, inspected, good to excel., asking $800. Leb. Co. 717-272-1415.

WE SHIP PARTS UPS DAILY

KELLER BROS.
KUBOTA
TRACTORS & EQUIPMENT
Serving Central PA Since 1921

LOW 2.75% APR FINANCING FOR 2 YEARS OR CASH DISCOUNTS AVAILABLE

★ NEW LOCATION ★

LEBANON
Rt. #7, Box 405, Lebanon, PA 17042
Rt. 419 1 mile West of Schaefferstown
717-949-6501

STORE HOURS
MONDAY-FRIDAY 7:30-6:00
SATURDAY 7:30-12:00
2 Locations

LANCASTER
1966 Fruitville Pike, Lancaster, PA 17601
At Route 30 & Fruitville Pike
717-299-2509

YOUR FULL LINE KUBOTA PRODUCT HEADQUARTERS
• INVENTORY • PRICE • KNOWLEDEABLE SALES STAFF
• SERVICE EXPERIENCE

KUBOTA®

Nothing like it on earth.™

★ Full Line Of Kubota Tractors And Equipment

W5021 SC Walk Behind Mower

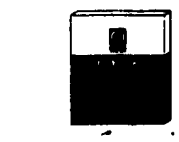
T1600HST

G1900

G2000 with Grass Catcher

F2400 with Grass Catcher

New Walk Behind Tillers
New Walk Behind Mowers
New Diesel Lawn Tractors
New 4 Wheel Steering Garden Tractors
New "B" Series w/Bi-Speed Steering
New "F" Series w/Front Mowers And Grass Catchers w/Hydraulic Dump
New "L" 2850 GST Model (No Clutching)
New Portable Generators
New "Mini" Excavator



B1850

B2150

L2850GST

★ Full Line Of Landscaping Attachments

L4150

R400

Ag Tech Preseeder, grading Boxes, Stone Rakes, Grading Blades, Rototillers, Mowers, Brush Cutters, Pulverizers, Loaders, Backhoes, Post Hole Diggers, Plows, Discs, Cultivators, 3 Pt. Carry Alls

PENNSYLVANIA'S LARGEST KUBOTA DEALER

As usual, a large group of people gather to see these 1988 field demonstrations at Ag Progress Days. Again, this year, a wide variety of demonstrations and exhibits will be featured at the Rock Springs location of Penn State University's research projects.

Commercial Exhibitors Show The Latest In Farm Equipment

UNIVERSITY PARK, PA — Penn State's Ag Progress Days, August 15-17, is the best place to see the latest in farm equipment and machinery.

Everything from silos and farm buildings to fencing systems, bagging equipment, tractors, mowers and choppers will be on display. Representatives of computer companies with financial management software, chemical fertilizer and pesticide companies with application information, real estate and insurance firms and even representatives of farm and home garden equipment will be there to give advice.

Dr. Joseph Harrington, professor of agronomy and general manager of the event, expects more than 250 commercial, farm association, government and university exhibitors. They will give visitors a first-hand look at new trends in the industry.

"There's a lot of learning going on in the exhibitor tents," says Harringnton. "Crop and livestock association exhibits keep producers up-to-date on services and programs and commercial exhibitors help visitors with equipment decisions." More than $20 million in new equipment of interest to both large and small producers will be on display. Visitors also will be able to see some farm equipment in action during the machinery

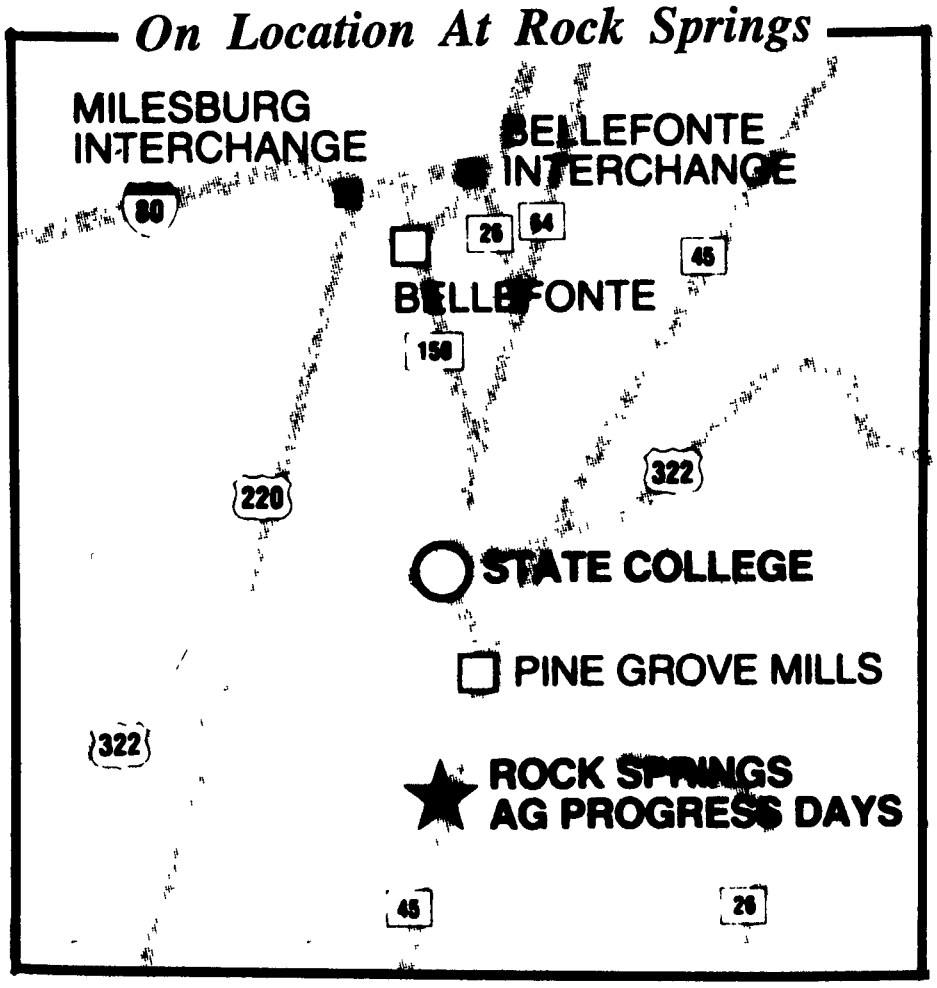
(Turn to Page F25)

1989 Ag Progress Days Daily Schedule

9:00 **Ag Progress Days exhibits open**
A Look at Ag Progress Days- Theme Building Theater (Tuesday).
Ag Land Preservation Panel- Theme Building Theater (Wednesday).
Sci-Q Special Edition- Theme Building Theater (Thursday).

10:00 **Tractor Rollover Demonstration**- Theme Building.
Macintosh Computer Class- Youth Building.
4-H Member Presentations- Theme Building.
Sci-Q Game Show- Theme Building Theater.
General Research Tour leaves from the corn crib.
Dairy/Forage Research Tour leaves from the corn crib (Tuesday).
Integrated Pest Management Research Tour leaves from corn crib (Wed).

On Location At Rock Springs



10:15 **Plant Stress Research Tour** leaves from the corn crib (Thursday).
Forestry and Wildlife Tour leaves from the Conservation Tent.
Soil and Water Conservation Tour leaves from the Conservation Tent.

10:20 **General Research Tour** leaves from the corn crib.

10:30 **Fire Safety Demonstration**- Ag Emergencies Tent, E. 8th St.
Machinery Demonstration- Corn Chopping (See map for location).
Stamp Out Age-ism- Theme Building Theater (Tuesday).
Who's Taking Care Of Our Children?- Theme Building Theater (Wed.)
Finpack: Ag Financial Management- Theme Building Theater (Thursday).
Cooking Demo- Lamb (Tue.), Veal (Wed.), Beef (Thur.)- The Meating Place.
Pond Construction Tour leaves from the Conservation Tent.

10:40 **General Research Tour** leaves from the corn crib.

10:45 **Macintosh Computer Class**- Youth Building.
Soil and Water Conservation Tour leaves from the Conservation Tent.
Intensive Grazing Demonstration leaves from the Conservation Tent.

11:00 **Agricultural Emergencies Demonstration**- Ag Emergencies Tent, E. 8th St.
Tractor Rollover Demonstration- Theme Building.
Sci-Q Game Show- Theme Building Theater.
General Research Tour leaves from the corn crib.
Forestry and Wildlife Tour leaves from the Conservation Tent.

11:15 **Soil and Water Conservation Tour** leaves from the Conservation Tent

11:20 **General Research Tour** leaves from the corn crib.

11:30 **Machinery Demonstration** Conservation Planting (See map for location).
Macintosh Computer Class- Youth Building.
Who's Taking Care Of Our Children?- Theme Building Theater (Tue/Thur).
Current Agricultural Research- Theme Building Theater (Wed.).
Cooking Demo: Veal (Tue.), Beef (Wed.), Pork (Thur.)- The Meating Place.
Pond Construction Tour leaves from the Conservation Tent.

11:40 **General Research Tour** leaves from the corn crib.

11:45 **Soil and Water Conservation Tour** leaves from the Conservation Tent.

12:00 **Tractor Rollover Demonstration**- Theme Building.
4-H Member Presentations- Theme Building.
General Research Tour leaves from the corn crib.
Forestry and Wildlife Tour leaves from the Conservation Tent.
College of Agriculture Alumni Luncheon- Special Events Bldg. (Tue.).

(Turn to Page F24)

1989 AG PROGRES

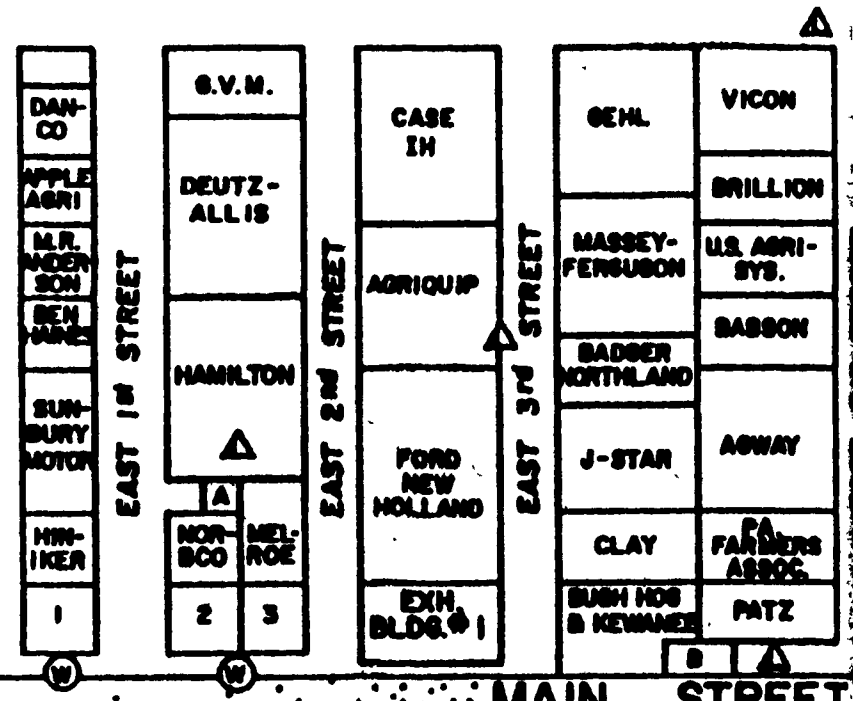
EXH. LOTS 25' SQ.

EAST OF MAIN STREET

A - PITT AUTO ELECTRIC
B - HERITAGE REALTY
C - POWER SYSTEMS ELECTRIC
D - HYDRO WASH

WEST OF MAIN STREET

E - ALASKA STOVE
F - GRAVELY INTERNAT'L.
G - GANS TIRE
H - ALTERNATIVE ENERGY SYS.
I - DILLON IND. INTERNAT'L.
J - PENN FORESTRY

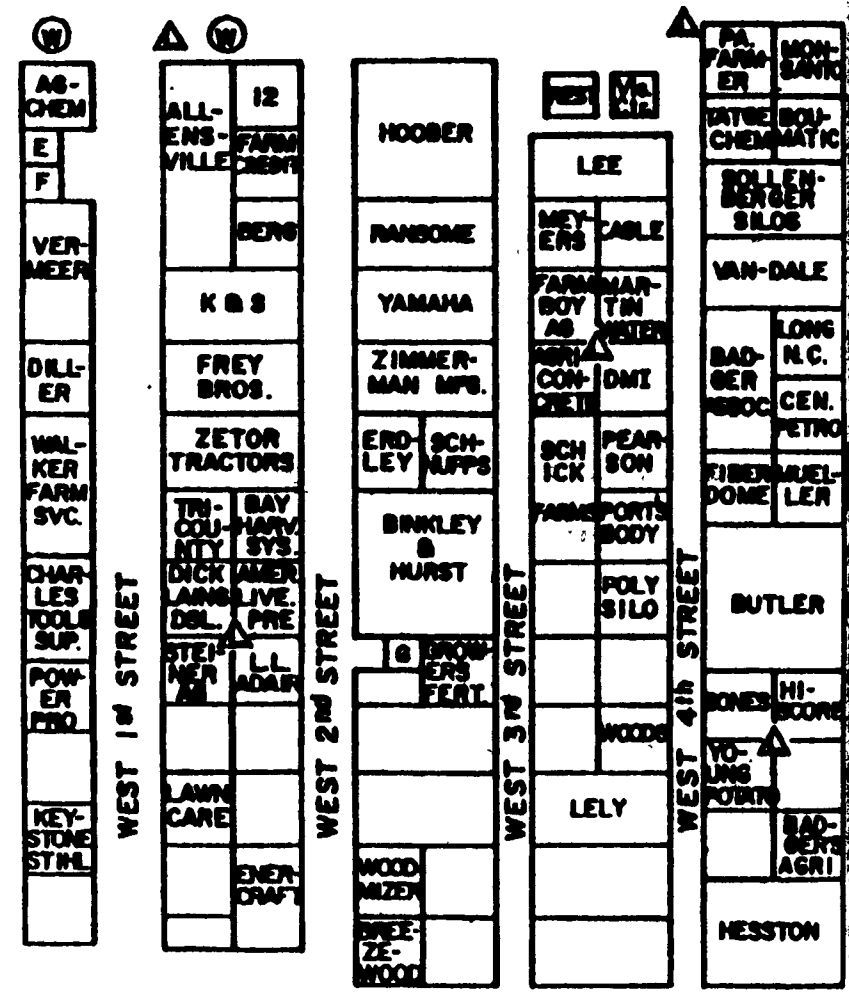


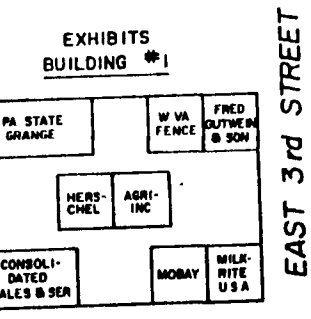
STONE ROADWAY

ROUTE 45

FOOD

1 - P.S.U. MOBILE VAN
2 - PA. BEEKEEPERS
3 - HALFMOON U.M. CHURCHES
4 - CENTRE COUNTY 4-H CLUBS
5 - FERGUSON TWP. LIONS
6 - PA. GUERNSEY BREEDERS
7 - FAIRBROOK U.M. CHURCH
8 - HARRIS TWP. LIONS
9 - STATE COLLEGE LIONS
10 - COLYER CHURCH
11 - AG STUDENT COUNCIL
12 - UNIONVILLE COMM. CENTER
13 - PA. DAIRY PROMO. PROGRAM
14 - PA. MAPLE PRODUCERS
15 - CHIEF LOGAN LIONS





STONE ROADWAY

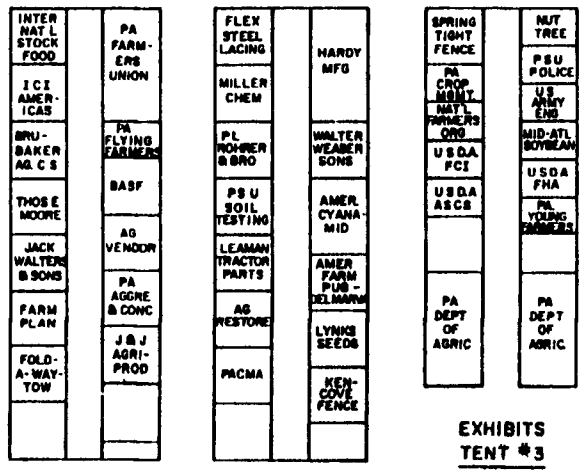
W WATER

P EXHIBITOR PARKING

LIGHT

TOILET

1989 AG PROGRESS DAYS
EXHIBITS BUILDING & TENTS

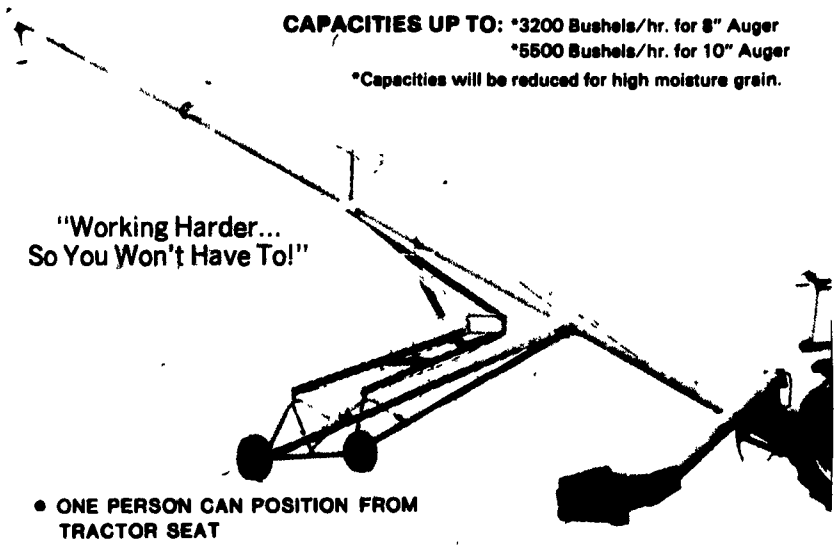


MAYRATH INDUSTRIES, INC.

Swing Away

Designed and built for longer lasting performance

CAPACITIES UP TO: *3200 Bushels/hr. for 8" Auger
*5500 Bushels/hr. for 10" Auger
*Capacities will be reduced for high moisture grain.



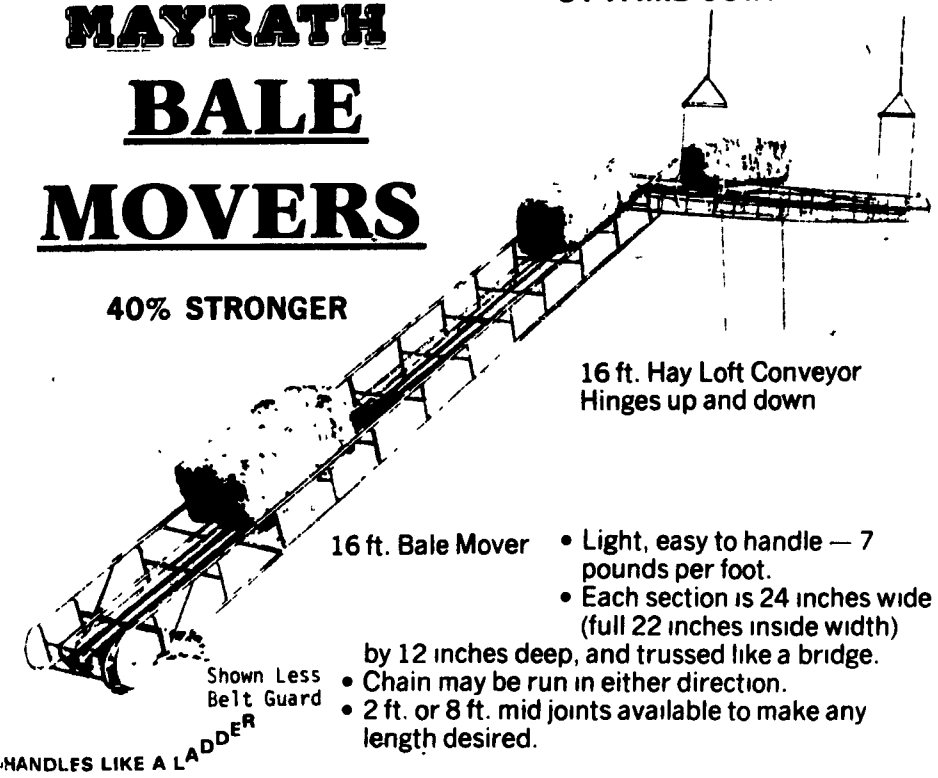
"Working Harder...
So You Won't Have To!"

- ONE PERSON CAN POSITION FROM TRACTOR SEAT
- HYDRAULIC LIFT POSITIONS AUGER MUCH FASTER THAN TIME CONSUMING HAND CRANKING
- DIRECT DRIVE ELIMINATES MANY WEAR POINTS
- EXTRA VALUE --- CLEANER GRAIN! CORN SCREENS ARE AVAILABLE ON ALL SWING AWAY MODELS

"Quality Conveying Equipment For Over 30 Years"

MAYRATH BALE MOVERS

8 FT. MID JOINT W/CHAIN



40% STRONGER

16 ft. Hay Loft Conveyor
Hinges up and down

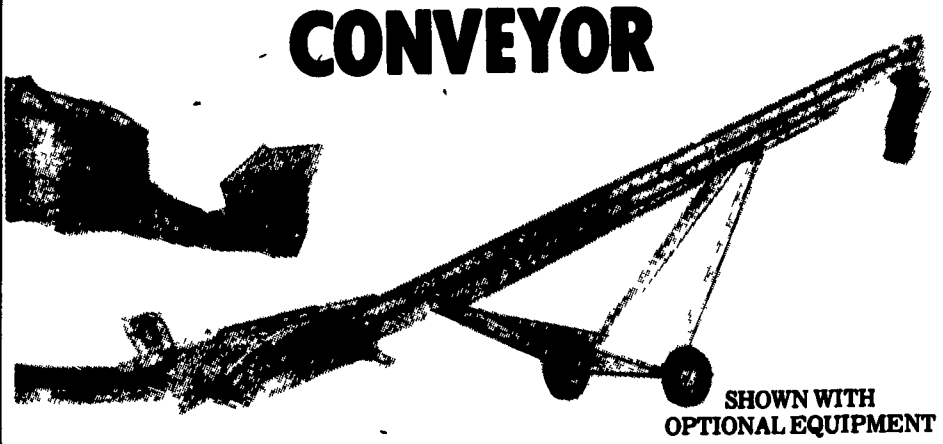
16 ft. Bale Mover

- Light, easy to handle — 7 pounds per foot.
- Each section is 24 inches wide (full 22 inches inside width) by 12 inches deep, and trussed like a bridge.
- Chain may be run in either direction.
- 2 ft. or 8 ft. mid joints available to make any length desired.

Shown Less Belt Guard

HANDLES LIKE A LADDER

ALL PURPOSE DOUBLE CHAIN CONVEYOR



SHOWN WITH OPTIONAL EQUIPMENT

GLASBORD®

ELIMINATES THE EPOXY AND OTHER YEARLY COSTLY MAINTENANCE TO WALLS AND CEILINGS FOR FARM BUILDINGS

CLEANABLE ▲

DURABLE ▲

FIBERGLASS REINFORCED PLASTIC PANELS & ROLLS

- **GLASBORD® IS TOUGH**
  - **-ACID SCRATCH AND ABRASION RESISTANT**
- **GLASBORD® INSTALLS EASILY**

MILKING PARLORS, HOLDING ROOMS, OFFICES, SLAUGHTER HOUSES

- **GLASBORD® RESISTS DIRT**
- **- WILL NOT STAIN, CORRODE**
- **- RESISTS ANIMAL WASTES**
- **- CLEANS WITH ORDINARY METHODS**

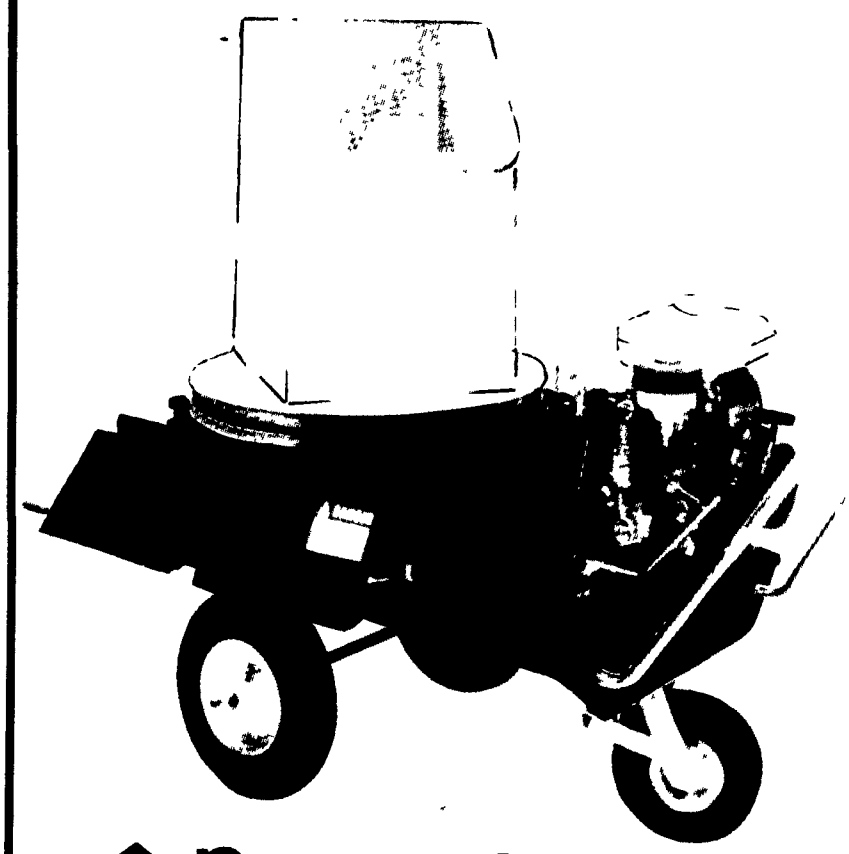
IN STOCK - AVAILABLE NOW

3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

ALL CORNER MOLDING AND FASTENERS

VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

DYNAVENT BEDDING CHOPPER



Dynavent
FARM EQUIPEMENT INC

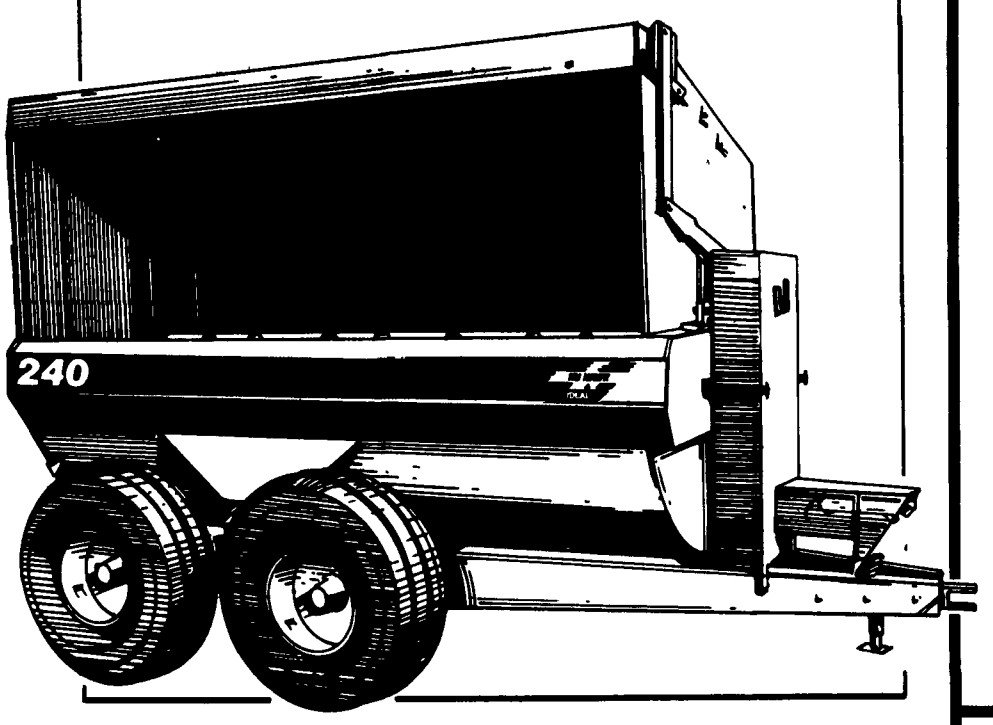
- ❒ Will Save Up To 30% Of Bedding Uses
- ❒ Chops Straw Into Fine Particles
- ❒ Allows To Keep Animals Cleaner

See Us At
AG PROGRESS DAYS
Aug. 15-17
Located West 10th Street

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

SPREAD's THE WORD



Spread's the word at Ideal Industries with a line of manure spreaders that are big on performance - but easy on your budget! Ideal's Nu Hawk flail tank spreaders offer a more efficient, less expensive solution to all your manure spreader needs. And Nu Hawk spreaders are competitively priced to provide a more economical way to fertilize and build up the organic matter in your soil.

Built to meet your complete loading and spreading requirements, Nu Hawk spreaders provide a variety of features and options for consistent year round spreading of all types of manure.

All Nu Hawk models offer either right or left side discharge and a straight or folding rear panel to clear low barn cleaners. As well, Nu Hawk's tractor controlled hydraulic lid openers and copper bearing steel lids and tanks resist damaging corrosive manure acids.

For more information on Ideal's new line of Nu Hawk flail tank spreaders, see your local Nu Hawk dealer.

NU HAWK® by IDEAL

Shreds Stalks Y

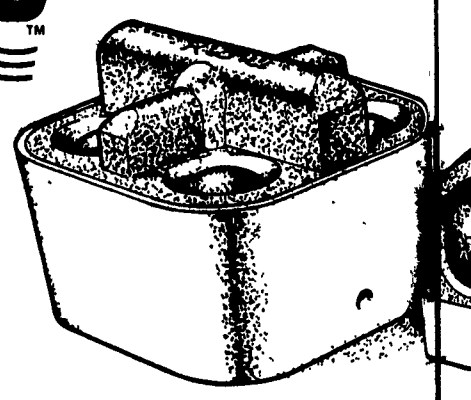
The perfect tool for

The
seedb d.
at fas r
in th sp

Low-Cost FUERST F-L-E-X-I-B-L-E TINE HARROW

"I believe the har
works as goo as
stalk shredde it
and shatters he s
and yet does t te
the ground."
Roger Bomm
Brookville, IN

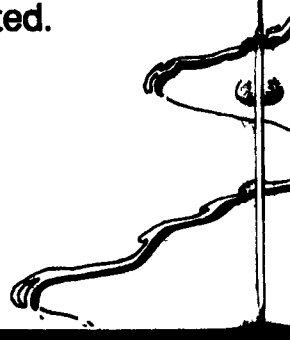
WATER PRO™



ENERGY-FREE LIVESTOCK FOUNTAINS

Just add water!

Features:
- Energy Free!
- Counterbalance drinker floats require little force to a ua
  Does not depend on water level to maintain seal.
- Rounded edges for livestock protection.
- Recessed drain holes for easy cleaning.
- Cool water in summer and frost free in winter.
- Valve is anti-syphon non-float operated.
  Positive shutoff.
- Sealed to prevent algae formation.



See These And Other Fine Products At Our Display During

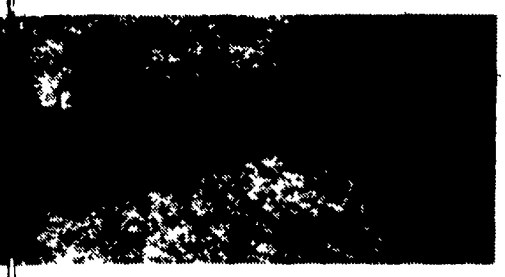
AG PROGRESS DAYS, AUG. 15-17

Located On West 10th Street

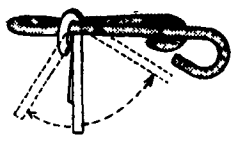
t Won't Plug Up!

idge and minimum till

erst harrow cleans ridge tops, creating excellent d. Unique "Spreading Action"® tines hug the soil r speeds to shred and evenly spread no-till stalks spring.



harrow as a it lifts e stalks t tear up



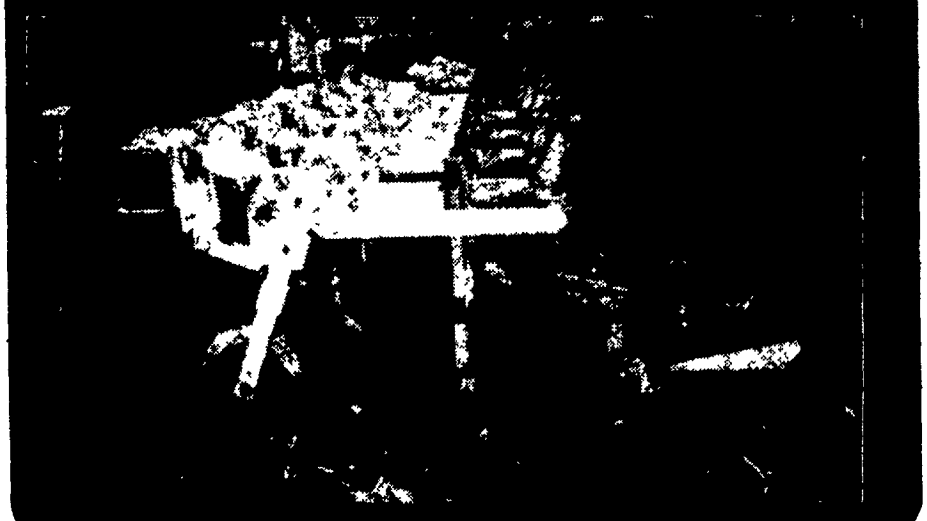
Free swinging tines
Fuerst's free swinging "Spreading Action"® tines make it the ONLY harrow that can effectively incorporate *and* shed trash.

Dozens of uses:
The harrow used behind a disc or cultivator, incorporates herbicides in one pass. Used alone, it covers broadcasted seed, renovates, maintains pastures and more.

The harrow/cart (an optional harrow carrier as shown) follows tight turns, has folding wings for easy transport. Harrow and cart are available in 16 to 42 ft. widths.

Buffalo

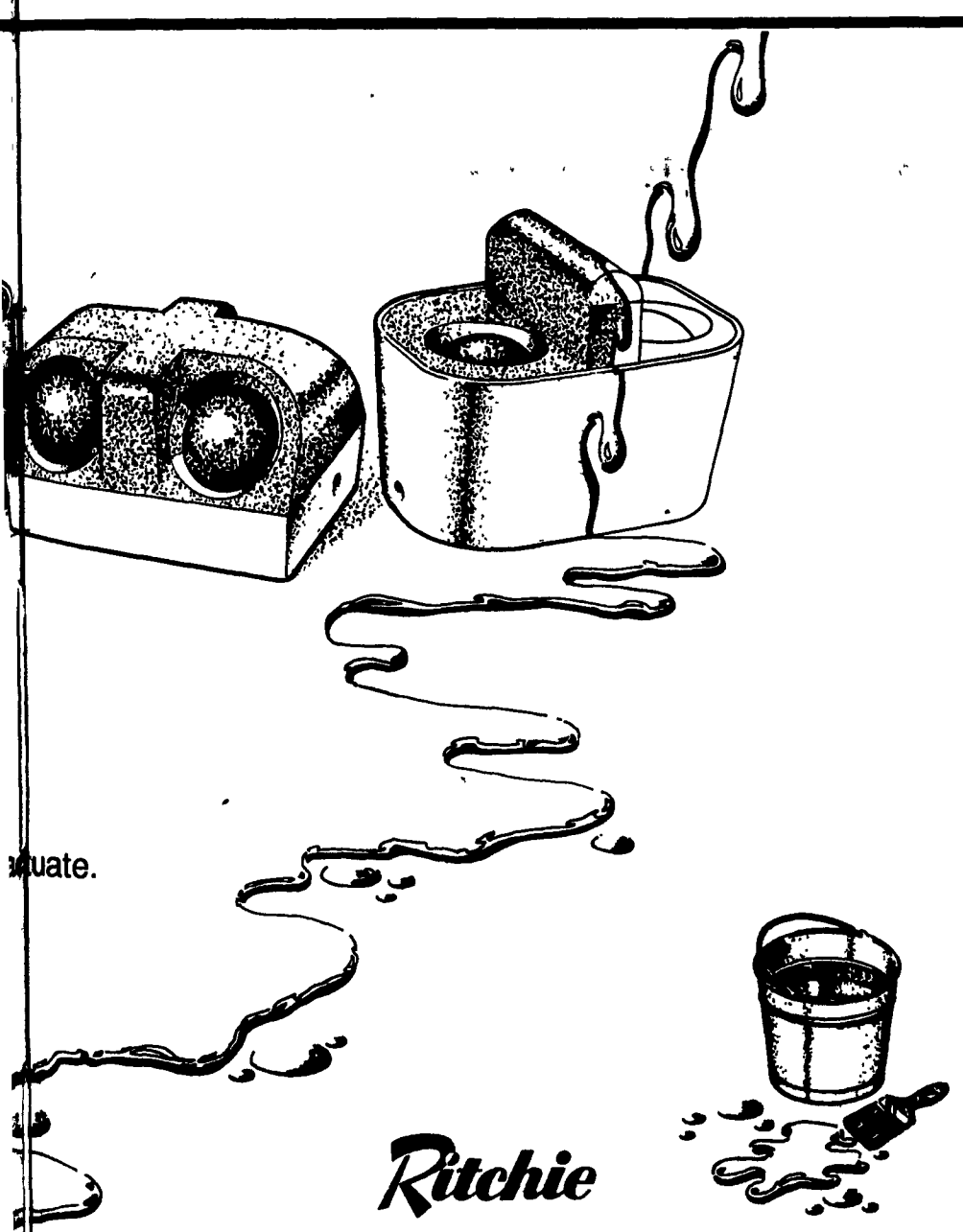
ALL-FLEX CULTIVATOR NO. 1 WEED KILLER



New Flat-Free Tires **New Open-Top Dirt Shield**

Buffalo is the first name in Conservation Tillage and the Buffalo All-Flex Cultivator is the Nos. 1 weed killer. Unique stabilizing disk gives positive depth control, row units flex to adapt to field contour. Use as regular cultivator, for ridging or ditching in 4, 6, 8 or 12 row units. Sweep spring trip available. Rugged construction for long, trouble-free service. The Buffalo All-Flex Cultivator from Fleischer Mfg. is the way to go!

NEW: **BUFFALO GUIDANCE SYSTEM**
Takes The Stress Out Of Cultivating



quate.

Ritchie

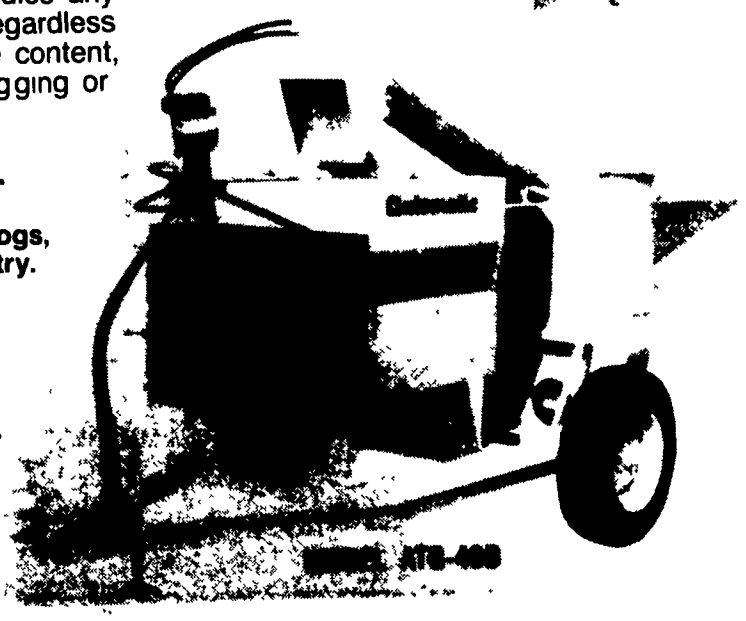
BIG BLOWER

UP TO 3600 BU./HR. PROCESSED AND DELIVERED TO THE SILO TOP

You get more feed processed with less horsepower with Automatic Big Capacity Roller Mill and the efficient 40-inch blower delivers it to the top of the tallest silo. One-fast-roll design handles any material, regardless of moisture content, without clogging or packing.

Automatic Roller Mills for Beef, Hogs, Dairy, Poultry.

AVAILABLE IN MODELS TO PROCESS 2400 or 3600 BU./HR.



Automatic Equipment Mfg Co Pender Nebraska 68047

Automatic

RYDER SUPPLY CO.

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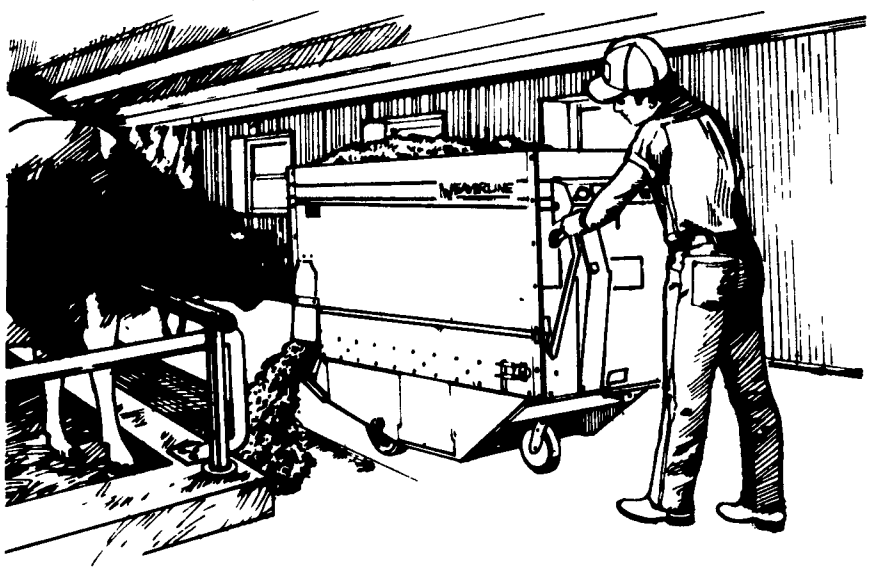
WEAVERLINE



This Morning Over 3000 Dairy Farmers

from Maine to Minnesota —
from the Canadian Provinces
to the Mason-Dixon Line —
turned on the key
of their Weaverline Cart
and fed the cows

Ag Progress

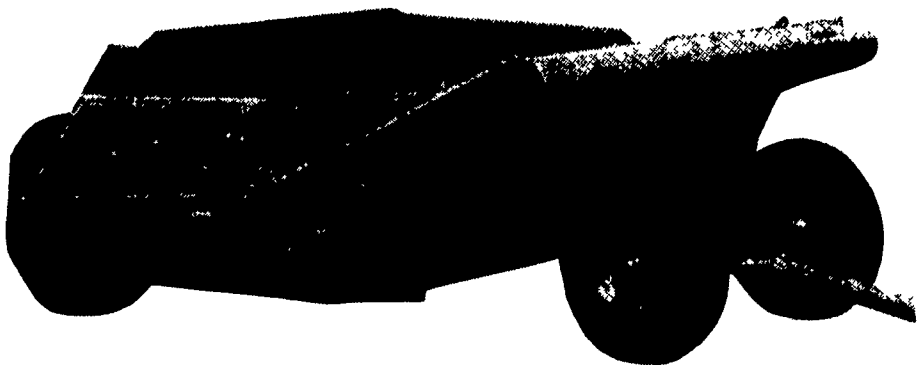
When you get to Ag Days
And there in the field
See all the equipment
The factories can yield.

But come now with me
As we walk through the camp
See the Weaverline cart
At the top of the ramp.

It's a cart to feed silage
Hydrostatic is the drive
Turn the key in the switch
And the cart comes alive.

It will feed all your cows
Just what they are needing
Then charge up its batteries
For the very next feeding.

DO IT YOURSELF WITH A SOILMOVER



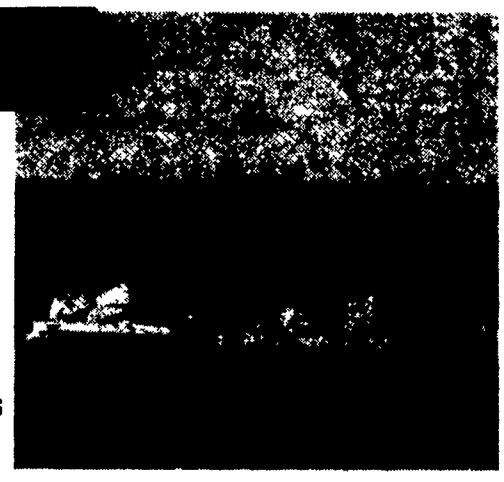
Automatic ✧ SOILMOVER

SCRAPE IT

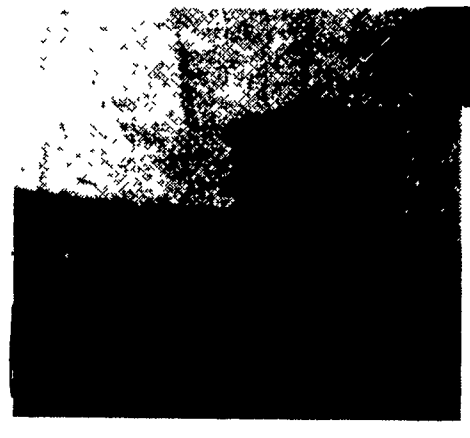
With your tractor and a Soilmover, you can keep feedlots cleaner, handle manure easier . . . even build a complete run-off system or manure-handling facility.

LEVEL IT

The cheapest land you can buy is the land you save by eliminating low spots. There's a Soilmover with precision cut and controlled spread for best results. Laser capability provides pin-point accuracy. Soilmover makes your land its level best.



DAM IT



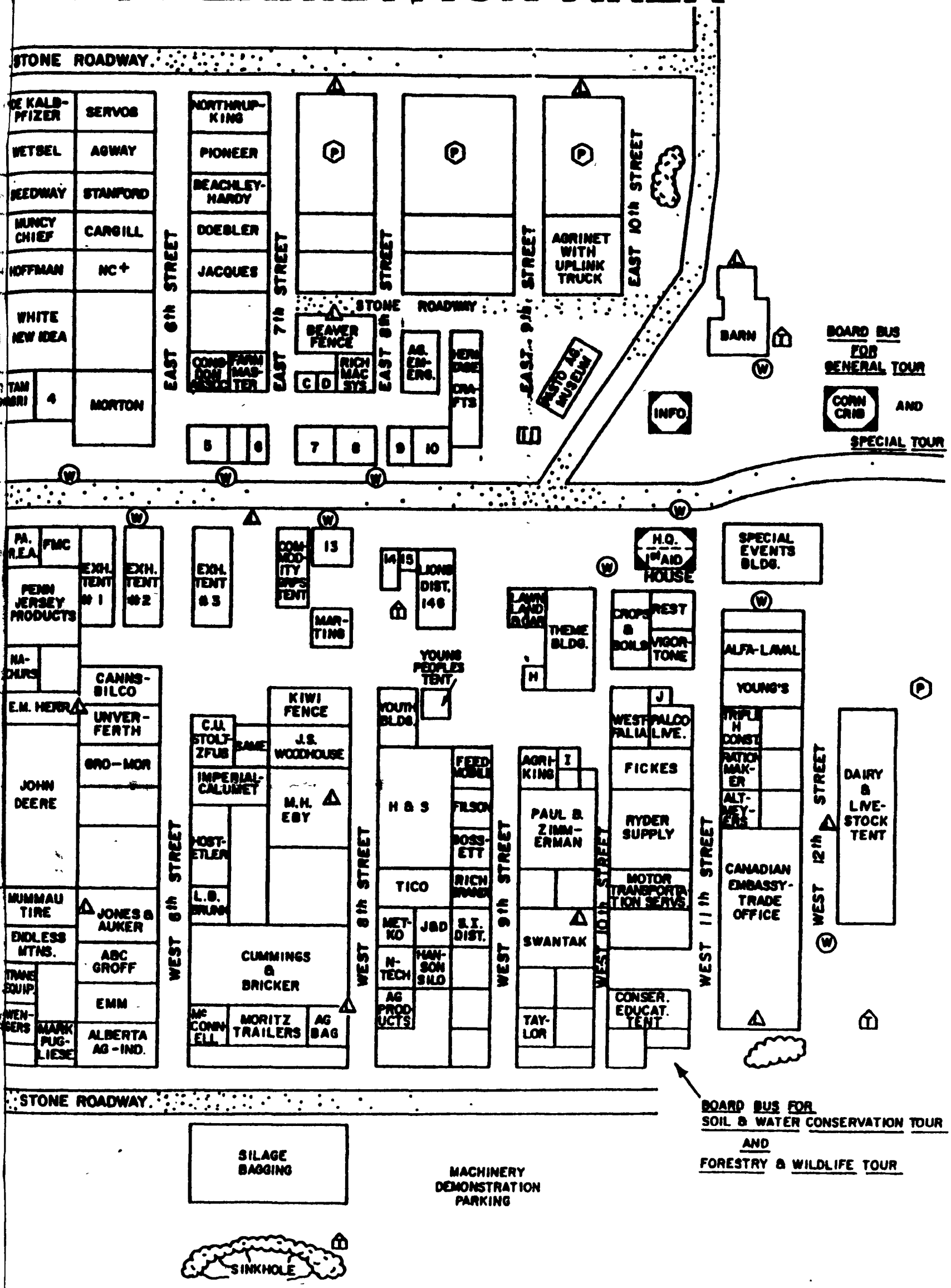
Create a dam as part of a run-off control program. Build or repair terraces and do it all with your tractor and a Soilmover. No one offers a more complete line of farm-size scrapers. Soilmover — the Problem Solvers.

See Us At
AG PROGRESS DAYS
Aug. 15-17
Located West 10th Street

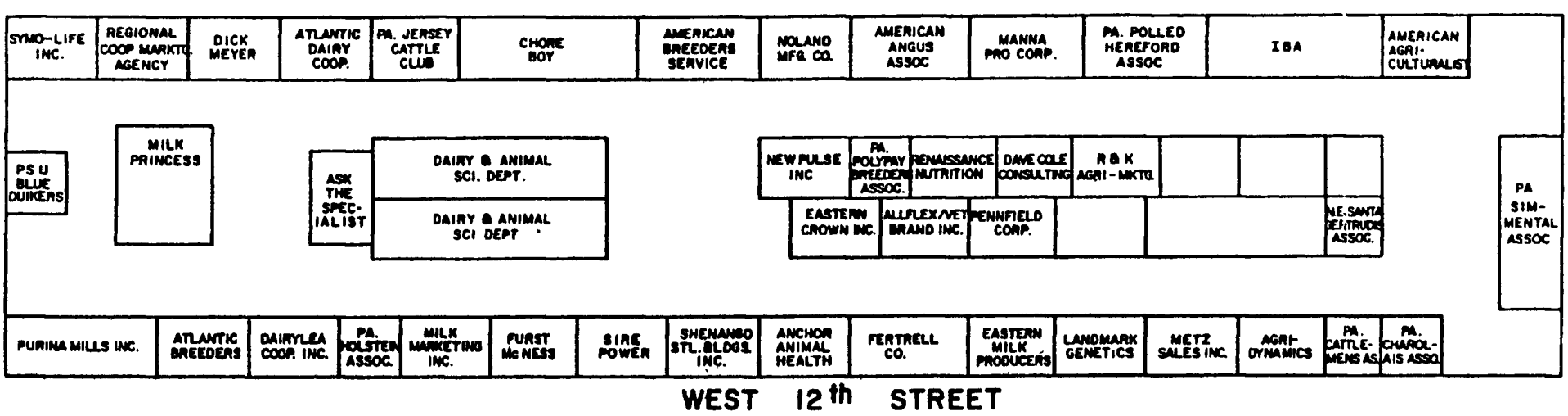
RYDER SUPPLY CO.

P O Box 219
Chambersburg, PA 17201 0219
Phone 717-263 9111

DAYS EXHIBITION AREA



1989 DAIRY AND LIVESTOCK TENT



Find These Exhibitors At Ag Progress

1989 Company & Location

A
Adair, Larry, Oils & Greases W2
Ag Products Co. W8
Ag Restore, Inc. ET2
Ag-Bag Corp. W8
Ag-Chem Equipment Co. W1
Agri-Concrete Prod., Inc. W3
Agri-Dynamics ..... DLT
Agri-Inc. EB1
Agri-King, Inc. W9
Agri-Quip Corp. E3
Agricultural Vendor ET1
Agway, Inc. E5
Agway, Inc. (Corn) E6
Alaska Stove Co., Inc. W1
Alberta Ag-Industries Ltd. W6
Alfa Laval- DeLaval W11
Allensville Planing Mill, Inc. W1
Allflex/Vet Brand, Inc. ..... DLT
Alternative Energy Systems W9
Altmeyer's Western Wear W11
American Agriculturist ..... DLT
American Angus Association ..... DLT
American Breeders Service ..... DLT
American Cyanamid Co. ET2
American Farm Publications ET2
American Livestock Pre-Mixes W2
Anchor Animal Health ..... DLT
Anderson, Milton R., Inc. E1
Apple Agri Sales E1
Atlantic Breeders Coop ..... DLT
Atlantic Dairy Coop. ..... DLT

B
B A S F ET1
Babson Bros. Co. E5
Badger Associates W4
Badger Northland, Inc. E3
Badger's Agri Service, Inc. W5
Bay Harvestore Systems, Inc. W2
Beachley-Hardy Seed Co. E6
Bead Buster/Gans Tire W2
Beaver Fence Systems E7
Berg Equipment Co. W2
Binkley & Hurst Bros., Inc. W2
Bou-Matic W5
Brandt, Rich Farm Real Estate W9
Breezewood Bandmills, Inc. W2
Brillion Iron Works, Inc. E5
Brubaker Agron. Consulting Svc. ET1
Brunk, L.B. & Sons, Inc. W6
Bush Hog/Kewannee E3
Butler Rural Systems W4

C
Cagle Mfg. Co. W4
Canadian Embassy- Trade Off. W11
Canns-Blico Distributors, Inc. W6
Cargill Hybrid Seeds E6
Case IH E2
Central Petroleum Co. W5
Charles Tool & Supply, Inc. W1
Chore-Boy Corp. ..... DLT
Clay Equipment Corp. E3
Cole, Dave Consulting ..... DLT
Congdon Associates E6
Consolidated Sales & Svc., Inc. EB1
Cummings & Bricker W8

D
Dairylea Cooperative, Inc. ..... DLT
Danco Products E1
Deere, John Co. W5
Dekalb-Pfizer Genetics E5
Deutz-Allis Corp. E1
Diller Equipment W1
Dillon Industries Int'l. W10
DMI, Inc. W4
Doebler's Pa. Hybrids, Inc. E6

E
Eastern Crown, Inc. ..... DLT
Eastern Milk Producers ..... DLT
Eby, M.H., Inc. W8
EMM Sales & Service, Inc. W6
Endless Mtns. Equip. Co. W5
Enercraft (Silva-Saw) W2
Erdley, Glenn W2

F
Farm Credit Service W2
Farm Plan, A Svc. of FPC Fin. ET1
Farmer Boy Ag, Inc. W3
Farmmaster, Inc. E7
Feedmobile, Inc. W9
Fertrell Co. ..... DLT
Fiberdome, Inc. W4
Fickes Silo Co., Inc. W10
Fibson Livestock Equipment Co. W9
Flexible Steel Lacing Co. ET2
FMC Corp. W5
Fold-A-Way-Tow, Inc. ET1
Ford New Holland E2
Frey Bros. W1
Furst McNess Co. ..... DLT

G
Gehl Co. E3
Gossett Nutrition, Inc. W9
Gravely Int'l., Inc. W1
Gro-Mor Plant Food Co., Inc. W6
Groff, ABC, Inc. W6
Growers Fertilizers Solutions W3
Gutwein, Fred & Sons, Inc. EB1
GVM, Inc. E1

H
H&S Mfg. Co., Inc. W8
Haines, Ben/Indag Ind. E1
Hamilton Equipment, Inc. E1
Hanson Silo W8
Hardy Mfg. Co. ET2
Heritage Realty Group, Inc. E3
Herr, E.M. Equipment, Inc. W5
Herschel Corp. EB1
Hesston Corp. W4
Hi Score Plant Food Co., Inc. W5
Hiniker Co. E1
Hoffman Seeds, Inc. E5
Hoober, C.B. & Sons, Inc. W2
Hostetler Truck Bodies W6
Hydro Wash E7

I
IBA, Inc. ..... DLT
ICI Americas ET1
Imperial - Calumet Indus. W6
International Stock Food Corp. ET1

J
J & D Mfg. W8
J & J Agri-Products & Svcs. ET1
J-Star Industries E3
Jacques Seed Co. E6
Jones & Auker W6

K
K & S, Inc. W1
Kencove Fence ET2
Keystone Polypay Assn. ..... DLT
Keystone Stihl, Inc. W1
Kiwi Fence Systems, Inc. W8

L
Laing, Dick, Inc. Diesel Svc. W1
Landmark Genetics, Inc. ..... DLT
Lawn Care Dist. Inc. W1
Leaman Tractor Parts ET2
Lee, R.J. Co. W3
Lely Corp. W3
Long Mfg. N.C., Inc. W5
Lynks Seeds ET2

M
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Martin Water Conditioning W4
Marting Mfg., Inc. W8
Massey Ferguson, Inc. E3
McConnell Mfg. W6
Melroe Co. E2
Metko, Inc. W8
Metz Sales, Inc. ..... DLT
Meyer Mfg. Corp. W3
Meyer, Dick Co., Inc. ..... DLT
Mid-Atlantic Soybean Assoc. ET3
Milk Marketing, Inc. ..... DLT
Milk-Rite U.S.A., Inc. EB1
Miller Chemical & Fertilizer Corp. ET2
Mobay Corp.- Ag. Chem. Div. EB1
Monsanto Agricultural Co. W5
Moore, Thomas E., Inc. ET1
Moritz Trailers W6
Morton Buildings, Inc. E6
Motor Transportation Svcs., Inc. W10
Mueller, Paul Co. W5
Mummau's Firestone Tire W5
Muncy Chief Hybrids, Inc. E5

N
N-Tech W8
Na-Churs Plant Food Company W5
National Farmers Organ. ET3
NC+ Hybrids E6
Noland Mfg./Lage Products ..... DLT
Norbco, Inc. E1
Northeast Santa Gertrudis ..... DLT
Northrup King Company E6
Nu Pulse, Inc. ..... DLT
Nut Tree Research ET3

P
Pa. Aggregates & Concrete Assoc. ET1
Pa. Cattlemen's Assoc. ..... DLT
Pa. Charolais Assoc. ..... DLT
Pa. Chesapeake Bay ..... CET
Pa. Crop Mgmt. Assoc. ET3
Pa. Dept. of Agriculture ET3
Pa. Farmer Magazine W4
Pa. Farmers Union ET1
Pa. Farmers' Assoc. E5
Pa. Flying Farmers ET1
Pa. Holstein Assoc. ..... DLT
Pa. Jersey Cattle Club ..... DLT
Pa. Polled Hereford Assoc. ..... DLT
Pa. Rural Electric Assoc. W5
Pa. Simmental Assoc. ..... DLT
Pa. State Grange EB1
Pa. State Univ.- Police Svcs. ET3
Pa. State Univ.- Soil Testing ET2
Pa. Young Farmers ET3
PACMA, Inc. ET2
Paico Livestock Equipment W11
Patz Sales, Inc. E5
Pearson Industries, Inc. W4
Penn Forestry Co., Inc. W11
Penn Jersey Products, Inc. W5
Pennfield Corporation ..... DLT
Pioneer Hi-Bred Int'l., Inc. E6
Pitt Auto Electric Co. E1
Poly Silo, Inc. W4
Port's Body Shop W4
Power Pro Equipment Co. W1
Power Systems Electric, Inc. E7
Pugliese, Mark W5
Purina Mills, Inc. ..... DLT

R
R & K Agri Marketing ..... DLT
Ransome Lift W2
Ration Maker East, Inc. W11
Regional Coop. Mktg. Agency ..... DLT
Renaissance Nutrition ..... DLT
Rich Mac Systems E8
Rohrer, P.L. & Bro., Inc. ET2
Ryder Supply Co. W10

S
S. I. Distributing W9
Schick Farms W3
Schnupp's Grain Roasting W3
Seedway, Inc. E5
Select Sires, Inc. ..... DLT
Servos Seed Corp E6
Shenango Steel Buildings, Inc. ..... DLT
Sire Power, Inc. ..... DLT
Sollenberger Silos Corp W4
Sones Grain Systems W4
Spring Tight Power Fence ET3
Stanford Seed Co. E6
Steiner Ag Products, Inc. W1
Stoltzfus, C.U. Mfg., Inc. W6
Sunbury Motor Co. E1
Swantak, Joseph, Inc. W9
Symo-Life, Inc. ..... DLT

T
Tam Agri Corp. E5
Tatge Chem. Co./Tox-O-Wik W4
Taylor Waterstoves W9
Tico Mfg., Inc. W8
Trans Equipment, Inc. W5
Tri-County Confinement Sys. W1
Triple H Construction Co., Inc. W11

U
U.S. Army Corps of Engineers ET3
Unverferth Mfg. Co., Inc. W6
US Agri-Systems E5
USDA- Ag. Stab. & Cons. Service ET3
USDA- Farmers Home Admin. ET3
USDA- Federal Crop Insurance ET3

V
Van Dale, Inc. W4
Vermeer Mfg. Co. W1
Vicon Farm Machinery E5
Vigortone Ag. Products W11

W
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Walters, Jack & Sons ET1
Weaber, Walter H. Sons, Inc. ET2
Wengers Farm Machinery, Inc. W5
West Virginia Fence EB1
Westfalia Systemat W10
Wetsel Seed Co., Inc. E5
White New Idea E5
Wood-Mizer Products W2
Woodhouse, J.S. Co., Inc. W8
Woods Division of Hesston Corp. W4

Y
Yamaha Motor Corp., USA W2
Young Potato Equip. Sales W4
Young's-Livestock Nutr. Serv. W11

Z
Zetor Tractor Division W1
Zimmerman Mfg. Corp. W2
Zimmerman, Paul B., Inc. W9

Progress Days Daily Schedule

(Continued from Page F17)

12:15 Soil and Water Conservation Tour leaves from the Conservation Tent.
Macintosh Computer Class- Youth Building.
12:20 General Research Tour leaves from the corn crib.
12:30 Machinery Demonstration Tillage (See map for location).
Pond Construction Tour leaves from the Conservation Tent.
Cooking Demo: Beef (Tue.), Pork (Wed.), Lamb (Thur.)- The Meating Place.
12:40 General Research Tour leaves from the corn crib.
12:45 Soil and Water Conservation Tour leaves from the Conservation Tent.
1:00 Tractor Rollover Demonstration- Theme Building.
Macintosh Computer Class- Youth Building.
Sci-Q Game Show- Theme Building Theater.
General Research Tour leaves from the corn crib.
Machinery Demonstration- Silage Bagging (See map for location).
Forestry and Wildlife Tour leaves from the Conservation Tent.
1:15 Soil and Water Conservation Tour leaves from the Conservation Tent.
1:20 General Research Tour leaves from the corn crib.
1:30 Fire Safety Demonstration- Ag Emergencies Tent, E. 8th St.
Machinery Demonstration- Mowing and Tedding (See map for location).
ARIS: Ag Records of the Future- Theme Building Theater (Tuesday).
Stamp Out Age-ism- Theme Building Theater (Wednesday/Thursday).
Pond Construction Tour leaves from the Conservation Tent.
Cooking Demo: Pork (Tue.), Lamb (Wed.), Veal (Thur.)- The Meating Place.
1:40 General Research Tour leaves from the corn crib.
1:45 Macintosh Computer Class- Youth Building.
Intensive Grazing Demonstration leaves from the Conservation Tent.
Soil and Water Conservation Tour leaves from the Conservation Tent.
Dairy/Forage Research Tour leaves from the corn crib (Tuesday).
Integrated Pest Management Research Tour leaves from corn crib (Wed.).
Plant Stress Research Tour leaves from the corn crib (Thursday).
2:00 Agricultural Emergencies Demonstration- Ag Emergencies Tent, E. 8th St.
Tractor Rollover Demonstration- Theme Building.
4-H Member Presentations- Theme Building.
Sci-Q Game Show- Theme Building Theater.
General Research Tour leaves from the corn crib.
Managing Crop Residues Demonstration leaves from the Conservation Tent.
Forestry and Wildlife Tour leaves from the Conservation Tent.
2:15 Soil and Water Conservation Tour leaves from the Conservation Tent.
2:20 General Research Tour leaves from the corn crib.
2:30 Macintosh Computer Class- Youth Building.
Machinery Demonstration- Baling and Handling (See map for location).
Pond Construction Tour leaves from the Conservation Tent.
Finpack: Ag Financial Management- Theme Building Theater (Tue/Wed).
2:40 General Research Tour leaves from the corn crib.
2:45 Soil and Water Conservation Tour leaves from the Conservation Tent.
3:00 Tractor Rollover Demonstration- Theme Building.
General Research Tour leaves from the corn crib.
Forestry and Wildlife Tour leaves from the Conservation Tent.
3:15 Soil and Water Conservation Tour leaves from the Conservation Tent.
3:30 Fire Safety Demonstration- Ag Emergencies Tent, E. 8th St.
4:00 Tractor Rollover Demonstration- Theme Building.
5:00 Ag Progress Days exhibits close.

Commercial Exhibitors

(Continued from Page F17)

demonstrations that are scheduled six times a day.

"We are pleased to have such a strong showing of exhibitors," says Harrington. "Budget restrictions, mergers and consolidations and weather conditions have kept some companies from returning. While the Pennsylvania farm economy is strong, some exhibitors may feel that this year's rain and last year's drought may mean that the sales potential is less than it has been in previous years. On the other hand, some companies have asked for more exhibit space than usual. The Canadians, for example, are coming back into a large exhibit area."

Equipment displays, machinery demonstrations and exhibits of agricultural supplies and systems are part of the College of Agriculture showcase because they are a service to the farm community.

"Each year we see equipment modifications based on current research," says Harrington. Whether visitors browse to buy or to keep up-to-date on specialized equipment, they will find exhibitors ready to answer their questions.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Rock Springs Agricultural Research Center, nine miles southwest of Stage College on Route 45, August 15-17 from 9 a.m. to 5 p.m. Parking and admission are free.

MAILBOX MARKET FOR SALE

TD-6 crawler tractor very good shape hyd. PTO drawbar $2500, bale wagon, $350, Woods 3 pt. finish mower $450. 717-672-2021, 275-4252.

Ear corn $120 per ton, Snyder Co. 717-374-4810 at farm approx. 14 ton narrow crib. N. Laverne Longacre, RR 3, Box 214, Selinsgrove, Pa. 17870

JD #45 loader, trip bucket $150, IH 990 haybine roll, 9' $250 could deliver. Howard Co. 301-489-4993.

Ear corn, not 100% sound, ok for beef cattle, make offer. Samuel F. Riehl, 329-A Centerville Rd., Gordonville, Pa. 17529.

1976 & 1978 Ford F250 pickup 360 4 spd. for parts, Lanc. Co. 717-768-3459.

4 btm. trailer plow $385, one new Anderson window 25¾ "x37". Cumber. Co. 717-776-3360.

Rollfast bicycle space flyer 1950's, excel. orig., cond., inside since new, one orig. tire. Hershey area, Pa. 717-566-1107.

Elec. oil-filled radiator new $55, never used $35, Taylor hi-speed bench drill $49 free porch glider. Hunterdon, NJ. 201-782-0193.

57 Chev. conv. beautiful 4 yr. restoration mirror chrome, city dealers asking $45,000-$100,000, private owner take reasonable private offer. 717-272-3997 nights!

Local winross trucks $40 & up 4-6 lug white wagon wheels good tires on bed liner Chevy lur or small pickup excel. cond. Lanc Co 717-626-5026.

2 storm front carriage used $1500, $2200 cob harness. Levi Zook, Harvest Dr., 1 mi. S. of Intercourse, Lanc. Co.

806 for sale call 717-367-6123 in good shape, 3700 hrs., Lanc. Co.

Reg. holstein symbol bull, 1 yr. old, dam w/records over 20,000M, $500. Lanc. Co. 717-665-4239.

1974 Tourister travel trailer, 23' sleeps 4-6, good cond., available, Aug. 18, private owner, $1850. 717-653-1079.

Wisc. engine, 6 HP good cond., $140, alfalfa/mixed hay. Amos M. Fisher, 498 Twin Elm Rd, Strasburg, Pa Lanc. Co

Haylage, milker pump, exhaust & circulating fans, barn windows. 215-932-8999.

Doffin hammer mill w/ blower, served us well, now needs engine work. Lanc Co. 717-653-1568.

Flatbed truck body, 8x12'6" off of 1 ton ford steel frame, wood floor $100. Cumber. Co. 717-258-6105 before 9 p.m.

Buff Brahma Bantam chickens, well marked, good layers, $25 per trio. York Co. 717-757-2209.

JD 450 diesel track loader good cond., trailer tires 7x14.5. York Co. 1-717-993-3350 after 7 p.m.

Dalmations AKC reg. $190. 215-445-6825.

400 Case tractor tires 14-9-38 like new $100 ea. 10' liq. manure pump $475. Amos Fisher, RD 2, Myerstown, Pa. 17067.

Sicilian donkey stud, 8 y.o. beautiful confirmation, proven sire. 7 ton grain bin, you remove. Schuylkill Co. 717-345-3984 eves.

JD 13 disk grain drill $285, Farmec bin wagon $400, Lanc. level flow elec. silo leverer $45. Lanc. Co. 717-653-5926.

Int. Loadstar 1700 school bus, great for hauling livestock or mobile shop $800, OBO. Spencerport (Monroe Co.), NY. 716-352-5181.

Deere 3300 CH GH, Int. 815, 763 CH 915, throat adaptor 815, gravity bin, 3X disc plow. Lawrence Co. 412-533-5433 eves.

IH 656 gas fast hitch, good rubber, engine good paint fine $4000 OBO. Lanc. Co 717-464-3572.

MF bolt on draw-bar, sickle bar mower, field ready 6' cut good for Amish forecart $100. 717-382-4383.

Fogel 8' deli case in good cond., $400 our best offer. Robert E. Thoman Jr, RR 2 Box 152, Windsor, Pa 17366.

Yale gas forklift 5,000 lb. hard rubber, good cond, $2800. Susq. Co 717-756-2630.

Selling Out! 8 Jack Russel terriers, rough & smooth coat, gritty & good farm dogs, mostly adults, bred female. 717-326-6573.

1938 Plymouth business coupe body excel. & runs good $5000 after 5 p.m. Burl. Co. 609-859-2298.

7x12 band saw in good cond., w/extra saw blades $450. Lanc. Co. 717-786-4047.

100 ton corn silage out of hog & rye seed $3.00 bushel. Lanc. Co. 717-665-5437.

400 sex sal pullets, buy all or any part $3.50 ea. Cumber. Co. 717-243-4593.

Large gravity bin wagon, extension tongue, excel. cond., $800 OBO, also 300 gal. sprayer. 717-776-5279.

Farmette 14 acres stone house bank barn out buildings fenced pastures 600 Amp service all good cond., $315,000. Bucks Co. 215-538-1330.

Irrigation pump PTO driven 4x3 Marlow 500 GPM requires 50 HP, Inc. 20'x4" intake line. Cumber. Co. 609-825-4603.

Hay rake large steel wheels, runs. Northampton Co. 215-588-0198.

NH 707 forage harvester 3 pt. hitch, IH 475 18½ ft. hyd. fold disk. Col. Co. 717-889-3071.

1968 Chevy C-50 19,500 GVW 5 spd. V-8 327 16' flatbed w/complete set of racks $1500. Snyder Co. 717-743-8155.

Case 1845 skid loader gas 1100 hrs., $6900, tandem axle bump hitch trailer w/ beavertail 16'x6' new lights, elec. brakes tilted $750. Cumber. Co. 717-532-9501.

Int. Scout diesel 1978 fair cond. runs $550. Lehigh Co. 215-767-0436 call morns. or eves.

MAIL BOX MARKET WANTED

Unstyled JD L tractor also old gas engines. Alex Puskas, RD#2, Box 327, Somerset, NJ 08873, Somerset Co. 201-873-2773.

Airplane propeller fan power take-off drive. Daniel E. Lapp, 1250 Penn Grant Rd., Lancaster, Pa. 17602, Lanc. Co.

Corn seeder, similar to plant junior garden seeder. Alfred Schober, 3525 Stansbury Mill Rd., Phoenix, Md. 21131, Balto. Co.

Used grass head that will attach to a $800 Gehl harvester in good cond. Lanc. Co. 717-664-4362.

Oil furnace forced hot air approx. 100,000 BTU, also 40" white elec. stove. Perry Co. 717-582-4147.

Ford wagon gear wanted built from 1948 to 1952 in good cond., reasonable. 412-837-5100 days ask for george. George M Bradish, Willow Crossing Rd, Route 10, Box 444, Greensburg, Pa 15601.

Ashford traditional spinning wheel. Dau. Co 717-566-6100.

Live pine, spruce trees 5'-6' $30, christmas trees pine, spruce, fir. Showers Tree Farm, Aspers, Pa. Adams Co. 717-677-8881.

3000 tobacco lath, make offer. Berks Co., 717-933-5150, can deliver.

salvage to attic flooring; old loghouses & early farmhouses. Liability insured at all sites. 717-334-0249 7-9PM.

JD 4010 or 4020 dsl., WF, prefer w/dual remotes, differ lock, bad motor, power shift. 814-247-6511.

Llama, Emu, Ostrich, Peafowl, Pheasants & other exotic animals. Mifflin Co. 717-543-5231 eves.

Jenny donkeys- Must be 13H & up when mature. Young stock OK. Bred or open. Chester Co. 215-793-1861.

Good used band saw. Cumb. Co. 717-245-2690.

990 IH haybine 9' in good working cond., or one that can be used for parts including the lower roll. Cumb. Co. 717-776-3766.

Used feed bins. Chester Co. 215-593-2367 or 717-786-7229- leave name & no.

Young AKC reg. Lab. Retriever, female. 717-658-6529.

Farm wanted in south third of USA between Calif. & Ga., cheap. Lloyd Potter, Southard Ave., RR1 Box 420C, Farmingdale, NJ 07727.

Bale feeders, must be in good shape. Hunterdon Co, NJ 201-832-2072.

Fin type silo distributor w/ lever at bottom. Perry Co 717-444-3466.

1 ton dual wheel dump truck, older model, any cond Give price & location Berks Co. 717-933-4705 anytime.

JD M T 1950, 1951 owners manuals, parts book, shop manual. Price. Marlin Rolland, RD1 Box 1094, Orwigsburg, PA 17961

18 4x30 rear tractor tire One or two, 50% tread. 609-886-1962.

Used 20' ring drive silo unloader, Jamesway preferred. Berks Co. 215-589-2406.

Bock for 2-71 GM dsl. or complete unit at a reasonable price. State price w/ letter. John E. Hostetler, RD1 Box 89A, Reedsville, PA 17084.

Flatbelt pulley, 8" wide, 22" to 24" dia., have 7x32" to trade. Luz. Co. 717-287-3808.

Late model Chevy C65 truck 16' w/dump, 2 speed 366 engine, low mileage. For Sale- NH #7 self unloading wagon, NH 489 haybine, NI 3 beater manure spreader, No. 215 all good cond. Schuyl. Co. 717-345-8815.

9 or 10' dump box 30" or larger gate w/good hyd. complete for C60. Cumber. Co. 717-776-5185.

Ford 532 baler 2 joint PTO assy. from fly wheel forward. Please call collect after 5 p.m. Mexico, NY. 315-963-3064.

Hay tools wanted: Single harpoon's, double harpoon's, screw type fork's, also carrier's knives, etc. Write Robert Rauhauser, Thomasville, Pa. 17364-9622.

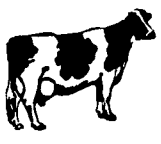
Carriage-Vis-A-Vis w/ shafts & hydraulic brakes, any cond. 333 Old Chester Rd., Goshen, NY 10924. 914-294-8414.

Revolving knocking pen door, also ½ or one ton elec. chain hoist. Franklin Co. 717-369-4211.

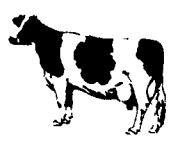
Information on the Beachy Amish and it there is any districts in the Dillsburg, York Co. area. Write B Weaver, 529 W Siddensburg Rd, Dillsburg, Pa 17019.

Porch posts need 6-8 overhead wire triplex or quadplex need 200' need blue print machine. Berks Co 215-367-9879.

3 PH telescoping draw bar arms for JD 10-20 will trade solid bar. Susq. Co 717-756-2757.



SUPER DAIRY #155



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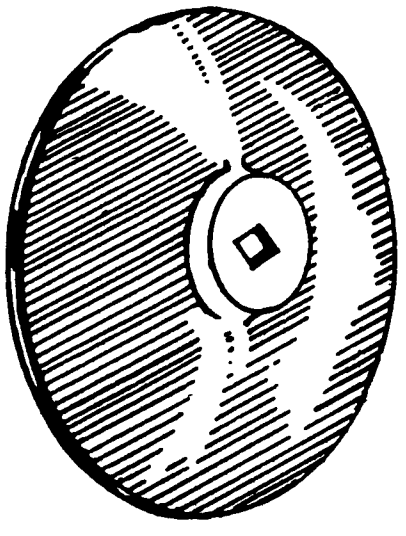

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Wanted To Buy wood planes & old tools Lanc. Co. 717-684-4271.

Need cab for 1964 F600 Ford truck, consider other year if good cond. 717-458-5959.

Gehl F188 harvester must be good cond. state price first reply. Clinton Co. Samuel J. Allgyer, RD #3 Box 584, Mill Hall, Pa. 17751.

Antique (made before 1900) tables, cupboards, quilts, dishes, chairs, stoneware, children's toys, kitchen items, one horse sleighs. Adams Co. 717-624-2426.

Used harness for work horse team, must be safe. Write J.S. Jones, 2170 Brookside Rd., Maeungie, Pa. 18062 or call 215-395-0153 eves. Western Lehigh Co.

Angora & lop-ear rabbits. York Co. 717-266-4531 after 7 p.m.

MAILBOX MARKET
NOTICE

Water Ram new information booklet. Send $10: G. Kotula, 3037 Merritt Pky., Reading, PA 19608-1013. Water power pushes water uphill.

Hand-made accessories-hay bands, boot bracelets, etc. See at Shartleville Rodeos or catalog $1. Uniquely Western, P.O. Box 58, Oley, PA 19547.

Taking orders for the 1990 season on Muscovy ducklings, 85¢. Write or call: John's P.O. Box 207, Reinholds, PA 17569. 215-267-1126. Hurry!

Lightning Ridge Stable-now renting new 12x12 stalls. Adjacent to county park minimal to full care. 717-684-8649 or 717-684-3252.

Will lend free w/June, horses suitable for trail or lessons- saddles avail. Jim Watts, Denver, Lanc. Co. 215-267-5798.

Free for removal 10'x40' silver shield steel silo. Schuy. Co. 717-425-3698, 717-425-3483.

Free male German shephard to good home purebred 5 yrs. old was rabies shot, very friendly. Lanc. Co. 215-445-4820.

Lost: 4 mth. old black & white pup "Patches" 8-1-89 along turnpike in Conewago Twp. Dau. Co. Call 412-349-1588 collect.

Hunting lease: 130 acre Adams Co. farm. Dove, geese, small game, deer, 90 acres fields, 40 woods, negotiable. 717-337-1151.

Sale Reports

BUXTON SALE

A Public Auction of farm equipment and trucks was held August 5 by Mark Buxton, 13616 Penn Shop Rd., Mt. Airy, Maryland.

Some prices included: 1972 Chev. Titan grain dump truck $7800, 1972 Ford F600 dump truck $1900, Int. Model 1086 tractor $15,250, Int. Model 856 tractor $7400, Case 5100 grain drill $2900, cultipacker 41200, White Model 273 disc harrow $7600, Woods batwing mower $5250, Case Model 822 chisel plow $550, J.D. 6-row corn head $5700, J.D. 7700 combine with flexhead $14,000, White 5100 corn planter $3000 and Int. model 2000 loader $950.

Trout Auctioneers, Inc. conducted the sale.

KEENEY SALE

A Public Auction of antiques and collectibles was held August 5 by Mabel M. Keeney, MAin Street, Freystown, Berks Co., Pa. There were 293 people registered. Some prices included: applebutter kettle $430, 3 wooden canes $125, toy red old Buddy L car $65, guitar cookie cutter $250, reindeer cookie cutter $300, horse cookie cutter $65, wooden butter mold $80, tin hunting license $22, 2 milk cans $62, washstand $110, oak basket $140, Seth Thomas Shelf Clock $270, Rudy's Bakery mirror $50, 8-day clock $105, drysink $425, cradle $210, woodbox $525, high chair $170, dough box $80, carnival vase $85, carnival sugar & creamer $90 and carnival butter dish 4110.

Dwight Miller was the auctioneer.

STOLTZFUS SALE

A Public Auction of real estate was held August 2 by Leroy and Sarah Stoltzfus, 1 mile east of Nickel Mines along White Oak Road in Bart Twp., Lancaster Co., Pa.

The 33 acre dairy and tobacco farm with a 2½ story frame house, bank barn with 19 chain-in talls, concrete stave silo and milh house was sold for $300,000.

Auctioneers were Elton Horning and Ronald Bard.

ZIMMERMAN SALE

A Public Sale of real estate was held August 5 by John Z. and Elizabeth H. Zimmerman 1 mile from Bowmansville along Spruce St., Brecknock Twp., Lanc. Co., Pa.

The 2 parcels of land were sold as one unit and the 33 acres with farm buildings was sold for $352,000.

Elton Horning Farm agency conducted the sale.

BARRY SALE

A Public Auction of real estate was scheduled for August 5 for Alex Barry, located in Upper Oxford Twp., Chester County, Pa. on the corner of Route 926 and Ewing Road.

The 59 acre farm with a 2½ story house, bank barn and attached 50 comfort stall dairy barn was sold prior to public sale for $470,000.

Steve Petersheim and Steve, Jr. auctioneers.

SCHWARTZ SALE

A Public Auction of tools was held August 5 for Gregory Schwartz, ½ mile south of Revere Store in Revere, PA.

Some prices included: Woods lawn mower 3 pt. (as is) $365, tool chests (top and bottom) $350, 3 floor jacks $75 to $80 each, drill press $80 and portable welder $110.

Bill Holland was auctioneer.

ECKMAN LUMBER CO. SALE

A 3-Day Public Auction of building material and supplies was held August 3, August 4 and August 5 by the Eckman Lumber Co., 1280 Main Road, Lehighton, Pa.

Some prices received were: paint shaker $300, 2 sky windows $136, garage doors $110 & $130, cellar door $65 and air compressors $900 & $650.

Robert A. Arner was the auctioneer.

TIOGA COUNTY SALE

The 3rd Annual Tioga Co. Invitational Sale was held August 1 at Gordon Wood's barn north of Tioga, Pa. There were 62 registered Holsteins sold.

The top two cows sold were consigned by Gordon and Dorothy Wood and the 50 head of cows averaged $1370. The bred heifers averaged $1137, the calves averaged $500 and all the animals averaged $1061.

The top price for a Royal Stewart daughter was $2300 and she was purchased by Tom Wright of Canton, Pa. She was fresh in July.

The second high cow a Ned Boy daughter that was just fresh brought $2025 and she was purchased by Kevin Williams of Shunk, Pa.

The sale was managed by Woods Auction Service.

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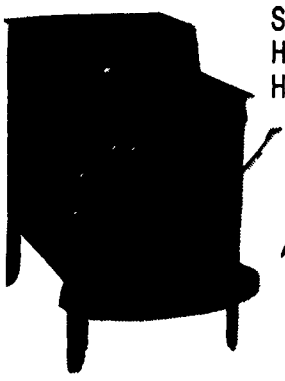

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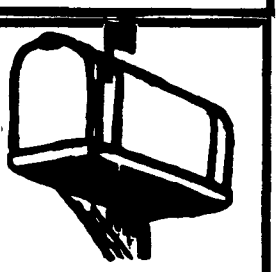

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Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

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Auctioneers: Put us on your mailing list for listings in our Free Auction Dateline section!

Sale Reports

SHIVELY ESTATE SALE

A Public Sale of real estate and antiques was held August 5 for the estate of Florence R. Shively in the village of Millmont, Pa. west of Mifflinburg. There were 308 registered buyers at the sale.

The 50 acre timber tract on Weikert Road in Union County was sold for $68,100. A cabin on creek front in the same area was sold for $24,500.

Some other items sold were: Satin glass light $800, glass front corner cupboard $2750, china and bisque dolls up to $150 and A & P tea box with slanted top $475.

Wayne M. Hess was the auctioneer.

21ST ANNUAL BERKS COUNTY POMONA GRANGE COMMUNITY AUCTION

SATURDAY, AUGUST 19, 1989
AT 9:00 AM

LOCATION: **At the Leesport Auction Grounds, Rt. 61 North of Reading, PA.**

TRACTORS: J.D.-950 D w/loader, 850 F. Wheel Drive, 2840, 2020, 3010D, 1937 J.D.B. (fully restored), I.H.- Farmall cub w/cult., Cub w/mower, H w/loader, 340, 400, 350, 544 w/loader, 560, MTA, 450 dies., H, I.H. loader backhoe, Ford- 641, 1510 F.W.D., 2000, 4000, 5000, D.B. 990 w/loader, A.C. D. 14 w/loader, W.D. 45, D17.

LAWN TRACTORS: J.D.- 400, 332D, 318, 317, 316, 314, 300, 216, 214, 212, 110, 111, 112, 100, R92, 60, 68, 66, J.D. F 935D., R72, New Kubota 3200 Dr., New Roper 14 HP, I.H. Cub 184, 185, 154, Lowboy 782, 682, 1650, 1450, 149, 582 w/loader, 128, 124, 71, 382, A.C.- 616, 611, New Ford 8 HP 165, Sears- 18, 10 HP, 8 HP, Wheelhorse- 11, 8 HP, 115, Snapper, Agway, Toro, Ariens, White 1600, Setah S 550 G-w/3 ft., Honda 3 wheeler, Bolens ST 110 hydro, 1476.

HARVESTERS: J.D. 38, N.H. 770.

CORN PICKERS: N.I. #323, Farmall M.T.A. w/mtd. N.I. husker, Int. 1 P.R.

HAYBINES: N.H. #479, 467, J.D. #1209, N.I. 509, N.I. 7' & 9' cut conditioners.

RAKES: N.H. 256, J.D. 640, MT 565, N.I. 7 wheel.

BALERS: J.D. #336, 24T, N.H. 273, 268, I.H. 241 round baler, I.H. #47 w/thrower, Hesston #10 stacker.

TEDDERS: Kuhn, Grimm, 4 Star, J.D. fluffer.

SICKLE MOWERS: J.D. 350, Ford, I.H. 100, F.H., Cub, M.F. trailer type, 6' 3 pt. Mott.

SKID LOADERS: I.H. 3200 B, Case 1845.

ROTARY CUTTERS: I.H. 7' & 5'.

PLOWS: Ford 3 pt., 1 Bt., Oliver 2 Bt. rollover, 8' & 10' chisel.

DRILLS: Oliver 76,. I.H. 10.

DISCS: J.D. 110, Oliver 12', White 25, 5' 3 pt. (new), M.C.

WAGONS: J.D. 714 w/roof, N.H. dump, gravity.

FLAIL CHOPPERS: J.D. 16A, I.H. 8, Bearcat.

BLOWERS: N.H. #30, J.D. 66, Case, Grain.

TRUCK: 1981 F. 350 w/8x12 van body.

MANURE SPREADERS: J.D. 450, N.H. tank, M.H., N.H. #513.

MISCELLANEOUS: York stone rake, N.H. #352 grinder mixer, J.D. & I.H. weights, 12' Brillion cultipacker, corn drags, 25' transport auger, Harban 3 pt. PTO corn sheller, 1 & 2 row PTO potato diggers, 1 & 2 row ground drive potato digger, 2-wheel trailer, harrows, Reber antique hay wagon, 4 mini-cup Surge milker system, collection of toys (Matchbox cars, original GI Joe, C.I. farm toys, Tonka & Ertle trucks, etc.- new in boxes), plus other antiques, household goods, collectibles, tools, etc. coming too late to advertise.

APPROX. ORDER OF SALE: Small Items 9:00 AM, Lawn Tractors 10:00 AM, Farm Tractors 11:30 AM, Equipment 12:00 Noon.

NO OUT OF STATE CHECKS ACCEPTED.- NOT RESPONSIBLE FOR ACCIDENTS OR ERRORS IN THIS AD.

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"10 ACRE HORSE FARM"

PUBLIC AUCTION

MONDAY, SEPT. 18, 1989
5:00 P.M.

5 OLD JONESTOWN ROAD
LEBANON, PENNSYLVANIA
SWATARA TOWNSHIP, LEBANON COUNTY

REAL ESTATE consists of a 3 bedroom, brick and aluminum, 10 year old ranch home with attached 2 car garage, fireplace in living room, modern kitchen, glass patio doors off the dinette, modern bath. Other Buildings include a 28'x36' new shop building, 24'x24' custom built horse barn. All this situate on 10 acres with a terrific view. Trees and stream in the meadow. The Property is vacant, quick possession available.

TERMS: 10% down on day of auction with balance due in 45 days at final settlement.
INSPECTION: By calling Auctioneer at 717-867-5221.
DIRECTIONS TO PROPERTY: Go 5 miles North of Lebanon on Route 72. As soon as you pass New Bunker Hill Church, turn right onto Old Jonestown Road. Go ½ mile. See auction sign on left.

CONDITIONS BY:
Leslie J. Klein
Mae F. Klein

ATTORNEY: Jeffry A. Parks
AUCTION CONDUCTED BY:

Ebersole & Shoop, Auctioneers

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PUBLIC SALE

TUESDAY, AUG. 15,
12:00 NOON
FARM ITEMS, TOOLS, & HOG EQUIPMENT

Located At The Westminster Livestock Auction Grounds For Convenience, Along Rt. 31, Between Westminster And New Windsor, Approx. 3 Mi. W. Off Rt. 140 In Carroll Co. Md.

WOODS 72 7' ROTARY MOWER, LIELY 3 PT. SPREADER, 7' 3-PT. BLADE, 2 J.D. CYLINDERS, 2 wheel wts. for J.D. 3010 or 3020, 1 set of front end wts. for J.D. 2010-2630, J.D. heathouser for 4010- 4020- 4440, moldboard for J.D. 14" plow, J.D. corn plates to fit 494a & 496 planter, J.D. potato plow, 1-row cultivator, old furrow plow, 5½ ton chain hoist, 8' pick-up trucks racks, chrome side rails for FORD 8' pick-up, set of car ramps, J.D. 6 hp. roto tiller, TORO 21' 3½ hp. mower, 20' lime spreader, garden bean & corn planter, WARDS pick-up tool box, 500 gal. gas tank, 3- 275- gal. gas tanks w/pumps, WARDS ½ hp. air comp., 2-4' gates, 3-6' gates, 1-16' gate, 21' log chain, DURALIGHT bed liner for CHEVY. 8' pick-up, 4-way lug wrench for big trucks, 1½ -17/16" box end wrench set, 2-2 3/8" box end wrench set, J.D. 14pc. comb. wrench set 3/8-1¼ "; J.D. 16 pc. ¼ " drive socket set, 3/8-1¼ ", other misc. tools, shovels & forks, 10' stepladder, 9-75' water hoses, 3-50' high pres. hoses, 40-6' steel posts, 3 kero. heaters, 300 gal. sprayer.

HOG EQUIP. 2 farrowing crates, 12-hole AGSTAR round metal feeder, SMICLIEY wooden feeders 2-4+8 hole, UNIVERSAL 8-hole metal feeder, 2 small creep feeders, 10 hog waters, etc. NORGE 17 cu. ft. refr., KENMORE washer, elec. stove, 2 air cond., 10,000 & 5000 BTU.

* These items are from a swine farmer going out of business.

Owner, DUN DEE FARMS

Nevin E. Tasto auctioneer
Terms: Cash or approved check day of sale.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

AUGUST

SAT. AUG. 12 (2nd Day of 2 Day Sale Estate Sale that started Aug. 5) - 8AM, HH. Goods, Antiques, etc., located in the Village of Millmont, PA, take Rt. 456 approx. 7 mi. West of Mifflinburg to Village of Hartleton, turn South at Intersection to Millmont, Florence R. Shively Estate, Wayne M. Hess, Auct.

SAT. AUG. 12 - 8.30AM, Country Real Estate, Antiques, HH Goods, located 3237 Bull Rd., Roosevelt Ave. Ext.'d North, York, PA, Estate of Loretta Knaub, Blaine & Nevin Rentzel, Aucts.

SAT. AUG. 12 - 8:30AM, Gas Engines, Antiques, Collectibles, RR Items, Etc., located in Baltimore Co., MD, from Exit 31 of I-83, go west on Middletown Rd. approx. 2½ mi. turn left onto Parsonage Rd. to first farm on left, Mr. and Mrs. Russel Fuller, owners, Melvin Haines and Ralph Brenneman, Aucts.

SAT. AUG. 12 - 8:30AM, Real Estate, Antiques, HH Goods, Farm Items, located 754 Stracks Dam Rd., Myerstown, Jackson Twp. Lebanon Co., Fern Hafer, Harry Hafer Estate, Harry H. Bachman, Auct.

SAT. AUG. 12 - 9AM, Valuable RE, antiques, HH goods, located at 462 E. Main St., Rt. 23, Leola, Lancaster Co., PA, near Groffdale Rd., Katie E. Martin, owner, T. Glenn Horst and Sons, Aucts.

SAT. AUG. 12 - 9AM, Attn. Blacksmiths, Farriers and Tool Collectors, Tool Auction, at the Forge of Bob Skradzio, 801 Brushtown Rd., Ambler PA, 5 min. from PA Turnpike Exit #26, The PA Guild of Professional Horseshoers.

SAT. AUG. 12- 9AM, Winross & Ertl Show & Sale at Central Manor Auction House, Mountville, PA, All American Auction Service.

SAT. AUG. 12 - 9AM, Furniture and Antiques, Rt. 213, Galena, MD, Harry Rudnick & Sons, Inc.

SAT. AUG. 12 - 9AM, Light Farm Equipment, Etc., North on Rt. 72 Past Jonestown Interseftion to Awoll Rd., west on Awoll Rd. to Hoover Dr., right to first lane right, Ernest L. Koons, owner, G. Harvey Weik, Auct.

SAT. AUG. 12 - 9AM, Very Nice Antiques, Household, Glassware, to be held at Redding Auction Service located takeing Rt. 34, ½ mi. North of Gettysburg, bear right at Y (at car wash) & continue 2 mi. on Table Rock Rd., to auction site, C. David Redding, Auct.

SAT. AUG. 12 - 9:30AM, Farm Equipment, located just south of Leesburg, Indiana or 6 mi. north of Warsaw, Indiana, on State Road 15, or 35 mi. west of Fort Wayne, Indiana, Polk & Sons, Inc., Aucts.

SAT. AUG. 12 - 11AM Sharp, Farm Machinery, Lenmont, NY, Glenmont Farms, owners, Deppolitis Northeast Auction Center, Jim Deppoliti Auctioneer.

MON. AUG. 14 - 10AM, Kitchen Cabine Inventory, etc., at 5101 E. Comly St. (Rear), Phila, PA, behind Quaker Rubber Co., Wm. F. Comly & Son, Inc., Aucts

MON. AUG. 14 - 11AM, Potato Farm Equip., Waterford, Erie Co., PA, Earl Brace and Sons, owners, Pirrung Auctioneers, Inc.

MON. AUG. 14 - 6PM, Real Estate, Village of Union Deposit, south Hanover Twp., Dauphin Co., PA, Jeff Adams and Jack Messenger, II, owners, Dwight D. Miller, Auct.

TUES. AUG. 15 - 10:30AM, Complete Herd Dispersal, located at Marathon, NY, Robert and Janice Kline, owners, Mel Manasse, Sales Managers and Auctioneers.

TUES. AUG. 15 - 1PM, House lot from Harrisburg, plus additions, located in Farmersville, 3 mi. east of Brownstowm, Lanc. Co, PA, Farmersville Auctions, Larry Rutt, Auct.

TUES. AUG. 15 - 4PM, Antiques, HH Goods, Tools, located at 412 Maple St., Terre Hill, Lanc. Co., PA, Herman & Tina Kohl, owners, T. Glenn Horst and Sons, Aucts.

TUES. AUG. 15 - 5PM, Horse-draw Surrey, Antiqes & Collectibles, sale held in Mt. Bethel Fire Hall, Rt. 611, Mt. Bethel, PA, Robert C. Teel, Auct.

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Closing Date Monday 5 00 P M
of each week s publication

WED. AUG. 16 - 10AM, Cars, Farm Tractors, Equipment, Tools, Antiques, HH Goods, located along Indian Head Rd., RD 2, Columbia, West Hempfield Twp., Lanc. Co , PA, Mr. and Mrs. Harold D. Murry, owners, Howard Shaub, Auct.

WED. AUG 16 - 3PM, Real Estate, Dwelling w/ apartment, antiques, toys, trains, HH goods, located at 230 S Reading Rd , Rt 272, Ephrata, Lanc Co , PA, Robert E and M Charlene Musser, owner, T Glenn Horst and Sons, Aucts

WED AUG 16 and THURS AUG 17 - Both days at 5 PM, Shop Tools, Hand Tools, Guns, Machinist Tools, 135 Ruby St , Lancaster, PA, Earl and Estella Mowrer, owners, Miller & Siegrist, Aucts

WED. AUG 16 - 6PM PA 12th Performance Tested Boar Sale at PA Dept. of Ag Meat Animal Evaluation Center, 651 Fox Hollow Rd , State College, PA.

WED. AUG. 16 - 7PM, Real Estate, located 1 mi north of Bird-In-Hand, 3 mi. west of Intercourse, turn off of Rt. 340, N on Weavertown Rd. or Orchard Rd., to 2940 Church Rd., Leola, Leacock Twp, Lanc Co., PA, Rebecca A Stoltzfus, owner, Robert and Jeffrey Martin, Aucts.

THURS. AUG. 17 - 10AM, Benson Leather Craft, Horse Tack, Shop Equip., Quilts, located Lititz, PA, William Benson, owner, Bryan D. Imes, Auct.

THURS. AUG. 17 - 10AM, Shop & Hand Tools, Plumbing Supplies, Hardware, located 44 W. Liberty St , Lanc , PA, Adam H. Burket Estate, Howard Shaub, Auct

THURS AUG 17 - 11AM, Tractors, Hay Equip., Cattle Equip., located Langdon Farms, Rt. 33 near Sherwood, MD, Maryland Eastern Shore, near Easton, Langdon Farms Partnerships, Inc., owners, Pete Richardson Auction Sales, Aucts.

THURS. AUG 17 - 5PM, Vehicles, Furniture, Antiques & Early Tools, Appliances, HH Goods, located at 2078 Jarvis Rd , near Conestoga Valley H S off Horseshoe Rd , Mr and Mrs John Beck and Mr and Mrs Ed Stehr, owners, Claude F Bechtold, Aucts

FRI AUG. 18 - 9AM Equipment Sale at New Holland Sales Stables Inc , New Holland, PA

FRI AUG 18 - 10AM Sharp! Complete Dairy Dispersal, located 3 mi S of Somerset, PA off Rt 281 S turn at Weimer's Crossroads, Mr and Mrs Jonas Scheffel, owners, Luce & Svonavec, Aucts

SAT. AUG. 19 - 8:30AM Real Estate, Antiques, Hit & Miss Eng , Antique Tractors, Tools, etc. Herbert Conley Estate. S. of Harrisburg, PA, off I-83, Exit 14, turn N. on Susquehanna Trail to Yocumtown Rd., turn E. follow 3 mis. to Valley Rd., turn right, 2nd farm on right. Blaine & Nevin Rentzel, Aucts.

SAT. AUG. 19 - 8:30AM, 8 Tractors, 9 Wagons, located 1 mi. West of New Freedom, PA, York Co. along Rt. 851, from Rt. I-83 Exit 1 take Rt. 851 west to farm, Paul J. Soloman, owner, Charles L. Wehrly and Son, Auct.

SAT. AUG. 19 - 9AM, Farm Equip., Lawn and garden, HH, antiques and tools, Berks Co. Pomona Grange Consignment Auction, Leesport Farmers Market along Rt. 61, Leesport, PA, 6 Auctioneers.

SAT. AUG. 19 - 9AM, Garage Tools, Equip., HH Goods, Some Antiques, located 3565 Harney Rd., approx. 1 mi. NW of Taneytown, Carroll Co., MD, Francis E. Reaver, owner, Calvin L. Amoss, Auct.

SAT. AUG. 19 - 9:30AM, HH Goods, Antiques, Tools, along Mill Rd., ¼ mi. south of Martindale, Lanc. Co., Aaron G. and Lena Martin, Paul W. Horst, Auct.

PIGS

STATE GRADED SALE
FRI., AUG. 18
1:30 P.M.
WESTMINSTER
LIVESTOCK AUCTION
Westminster, MD

Now holding 2 sales each month on 1st & 3rd Fridays.

Phone (301) 848-9820 or (301) 857-1179

Public Auction

Sat., August 26, at 9:00 A.M.

Located in Mifflin Co., 9 Miles North of Lewistown, Pa., Along Route 522.

Guns- Furniture- Lawn Tractors- Power Tools

Rem. model 760- 270 cal. w/scope, Savage model 170-30-30 w/scope, Moseburg 22 rifle, Ithaca 20 ga. pump shotgun, household goods and furniture.

M.T.D. hydrostatic 14 H.P. tractor w/ hyd. loader, Craftsman LT- 12 H.P. w/38 in. mower like new, Wheel Horse 12 H.P. w/48 in. mower, other lawn eq., Craftsman power tools, grinder, belt sander, band saw, jig saw, table saw, jointer, metal and wood lathes, power hack saw, other small power tools, many hand tools and small items, this is just a small listing.

Terms- Cash.

Mrs. D.N. (Bud) Mann
717-543-5366

Mark Glick- Auctioneer
AU #349-L

PUBLIC SALE

Sat., Aug. 19, 1989
10 A.M.

Due to having sold our farm, we will be having sale of the following items at: 3200 Ferrier Rd., Manchester, Carroll Co. Md. Approx. ½ m. N. of Manchester on Rt. 30, turn east on Ferrier Rd., last farm on road.

FARM MACH.- TOOLS- NEW & USED TRUCK PARTS & PONIES- HOUSEHOLD

Farm Mach.- MF 44 w/wide front & p.s.; IH 3 bot. plow; one wagon with racks & 1 gear; 24 disc heavy-duty; Oliver ground-drive spreader; Oliver #5 picker; 28' elevator; JD #5 mower; JD 2-row cult. to fit JD A; JD FB 13x7 drill; spring tooth harrow; JD planter; JD 3 pt. planter; 2-wheel trailer; Ford 1-ton 350 truck; 2-horse tandem trailer; IH baler; side-rake; 7 ft. Myers snow-plow w/mt. bracket for Dodge pick-up; some oak lumber; pony sulky; rototiller; 18 hp Wizard tractor; '75 Dodge Van 6-cyl., auto.; forks, shovels, chains & binders; lg. air compressor; air hoses-some new; 4x12 sheets of dry wall-½ & ⅝ thick; hog troughs; 2 auto 2-hole hog feeders; shop lights, some new; jack stands; metal tire rack; gas tanks- 1 w/pump; lg. stone kero. heater; PTO hyd. pump for truck dump; 3 pt. bloom; metal posts; I-beam; lots of trucks rad.; power steering unit for truck; new leaf spring for front GMC tractor; old railroad jacks new PTO cables; 20 ga. med. pressure hose; lots of clearance its- new; C-clamps; acetylene tank set; car ramps; ¼ " steel plates; D&B belt sander; New-12 V. hyd. motor; Snap-on bat. load tester; 8 & 12 ton hyd. jack; shop fans; metal work bench; nails & bolts; come-alongs; port. air tank; AC tester; some new shocks; engine dolly; ½ " elec. impact. wrench; 3 gal. bucket; paint sprayer; welding helmets; Greenfield tap & die 9/16 to 1"; gas can mt. for truck; block & fall; winch blocks; new PTO motor & pump; tool boxes; hammer mill; barrel stove; spoke & Creager rim-15"; plumbers pipe bench; shop vac.; gear lube pump; Cummings eng. parts; 20-ton hyd. jack; used blower for Detroit 14" chain saw; wheelbarrows; 40' ext. ladder; lots of rabbit pens; other misc. items not mentioned.

Household- dresser; port. dish washer; dryer; & other items by day of sale!

Ponies- pony mare w/stud foal; mare, 2 young fillies; 2 pony studs- 1-2 yr. & other 6 yrs; Jenny burro.

Owners,
Mr. & Mrs. Buddy Carr
301-239-8536

Terms- Cash or approved check
Food Stand reserved
NEVIN E. TASTO, Auctioneer
301-374-4067

KUTZTOWN COMMUNITY FIRE CO. CONSIGNMENT SALE

Take Rt. 645 North From 422 About 2 Mi. To The Village Of Little Kutztown.
Saturday, August 19, 1989

1977 Olds Cutlass Supreme 4 Dr. Air & Stereo, Good Shape. 73 VW Bug Wagon Running Year, Echo Weed Wacker, Starcraft Pop-Up Camper Sleeps 6 With Awning, 16 Hole Hog Feeder 5 Ft. McCormick Grass Machine Good Cond., Cedar Chest, Windows, 1 Cathedral Door 1¼ " Thick 80"x31", Snapper Lawn Mower, Record Cabinet, White Twin Bed, Ceramic Kiln, Crome w/Beige Material Chairs & Lounge, Jet Pump, Avon Bottles, Iron Toys, Harley Davidson Golf Cart, Air Conditioners.

Items From Loose Lumber & Martins Floor Covering, Toolman.

9:00 A.M.

Come and spend the day with us.

Kutztown Community Fire Co.

Marvin G. Amsley- AU-002323L, Auctioneer

Public Sale

of Machine Shop Equipment and Gasoline Engines

of the Estate of Raymond Wilkison, located at 1169 Stanley Ave., Chambersburg, PA on

Saturday, August 19th, 1989
at 9 A.M.

Hendey Machine Co. metal turn lathe w/ overhead chain hoist complete w/extras; Racine, H.D. power hacksaw on wheels; 4 wheel drive Willy Jeep frame w/4 cylinder Wisconsin air cool engine w/6 ft. hydraulic snowplow, a nice piece of work, 1 of a kind w/ new tires; Ideal model R. 1 H.P. gasoline engine, restored; another restored gasoline engine (no name); good generator w/2 cylinder Wisconsin air cool engine on cart; large electric shop welder w/4 cylinder Wisconsin engine on wheels; Economy platform cable lift 8 ft. high; large air compressor w/electric motor; aceyline torch set on cart w/extra tips; Reddy portable kerosene shop heater (new); other Wisconsin engines torn apart; H.D. welding table w/vice; 100 lbs. anvil; metal storage cabinet w/12 drawers; work table on rollers; metal storage cabinet w/17 drawers; 6 good metal racks; ½ " Delta drill press; floor jack; ¼ H.P. grinder on stand; ½ " drill; drill chucks; 75, tapered drill bits; Porker bench vice; H.D. work benches wood & metal; testing equipment; 36 ft. aluminum extension ladder; stepladder; 2 pr. metal trestles; electric motors all sizes; generators; machinist tool cabinet and loads of machinist tools and C-clamps; air tank; log chains; jackstands; come-alongs; 4 wheel carts; wheelbarrow; steam engine governor; planes; files; chisels; electric grinder; water pump; large gear box; junk tank; 8, storage refrigerators; 40" Electric stove; V-belts; sunk pump; 2, gas tanks, 6, auto radiators; wooden pulleys; wire; bolts & nuts; new gasoline engine in box; jacks; loads electric motors; scrap iron; axles w/wheels; garden tools; 3, truck body's storage sheds; Stoker automatic nut coal furnace; oak dresser and take down wardrobe; extension cords; loads of tools; hardware; pipe; sockets sets; wrenches; hammers; pipe fittings; bearings; stock steel; brass stock; paints; cleaner; etc.

Camper- Open road full equipped pickup truck camper, large 8' pickup truck cap insulated etc.

Inspection on Camper, call: Chambersburg Trust Co. Trust Dept. 263-9201.

Terms: Cash or Good Check.

Lunch Stand.

Owner- **Phylma Wilkison**

Chambersburg Trust Co.- Agents

Inspection- Friday, August 18th from 10 AM to 3 PM. Also Sale Day at 7 A.M.

ANNUAL LABOR DAY

CONSIGNMENT AUCTION

FARM EQUIPMENT AND RELATED ITEMS

MONDAY, SEPTEMBER 4, 1989

9 AM

Located at the Auction Barn, American Corner, MD on Highway 621, between Denton and Federalsburg, MD.

For further information contact:
A. Curtis Andrew Auction, Inc.
301-479-0756
or 754-8826

AUGUST AUCTION

COMPLETE DISPERSAL, FARM MACHINERY, CONSTRUCTION EQUIPMENT, SHEEP, TRUCKS, BUILDING SUPPLIES, CONSIGNMENTS

TEITSWORTH SALE LOT- GROVELAND, N.Y.

TUES. EVE., AUG. 22

at 5:30 P.M.

Auction will be held at Teitsworth Auction Lot, Barber Hill Rd., 8 miles S.E. of Geneseo, 2 miles S.W. of Conesus Lake.

NOTE: This auction will include the complete liquidation of a Wayne County farmer, plumbing supplies from a Rochester supplier, highway equipment from Municipalities, repossessed machinery from banks and consignments from farmers, contractors and dealers.

SELLING: JD 4010 D w/duals; JD 4010; JD 3020 power shift; JD 2840 (nice); JD 800 windrower; 3 wagon running gears; post hole auger; JD 16' wing disc; JD drag; NI unisystem w/2 heads, gas power; JD mower conditioner; Freeman hyd. loader; JD 15A & NH 36 flail chopper; 50' grain auger; Fahr tedder; JD 4B plow; 3 pt. blade; rotary mower; Ford 4500 tractor backhoe; Belarus 520 4WD; 3 pt. finishing mower; JD 110 lawn tractor w/mower; utility trailer and much much more.

To consign call 716-243-1563.

TERMS: Full settlement auction night. Cash or good check.

PUBLIC AUCTION

OF VALUABLE REAL ESTATE IN COUNTRY SETTING

WEDNESDAY EVENING, AUGUST 16, 1989

AT 7 P.M.

Located 1 mi. east of Bird-in-Hand, 3 mi. west of Intercourse, turn north off of Rt. 340 on N. Weavertown Rd., R. Orchard Rd. to 2940 Church Rd., Leacock Twp., Lanc. Co., Pa.

LOT SIZE 120x280 more or less.

2 Story stucco dwelling; kitchen with built-in cabinets and gas stove, dining room, living room with built-in desk and bookcase, laundry with buck a day, large bdr. with closets and built-in bookcase, full bath; 2nd floor, 2 bdrs. with closets and storage space; full basement, cistern with pressure system. 2 story concrete block barn with horse stalls, carriage space and work space, storage above.

10% Down Day of Sale, balance on or before October 16, 1989. Open for inspection August 5 and 12 from 2 to 4 PM.

Terms by:

Rebecca A. Stoltzfus

Robert E. and Jeffrey R. Martin, Auctioneers
717/656-7770

Wentz, Weaver and Kling, Attorney
AU580L

PUBLIC AUCTION

Valuable Two Acre
-Residential, Real Estate

Saturday, August 19, 1989
1:30 p.m.

Located just west of Lititz Borough 619 W. Orange St., Lititz, PA.

Real Estate consists of a parcel of land containing two acres more or less. Located in Warwick Township, Lancaster County, PA., known as 619 W. Orange St., Lititz, PA. Thereon erected a 2½ story frame farm type house with 4 bedrooms, 1½ baths, large eat-in kitchen, family room combined, living room, sitting room, office, laundry, 2 car garage attached. Home is heated with oil fired hot air heating system. To rear of property is a real "nice" 2250 sq. ft. insulated shop and warehouse type building, nice and fully accessable from the hard road. You will want to inspect this real nice property if you are looking for lots of space. Will be open for inspection Wed., Aug. 2, 6:30 till 8:00 p.m., and Aug. 10, 6:30 till 8:00 p.m. Please come take a tour. This is the type of place with space that is hard to find ready and available.

Auction for the owners

Howard M. and Erla W. Martin

Gibbel, Kraybill and Hess
Atty's

E.M. Murry Associates

10 S. Broad St
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

PUBLIC SALE

OF CARS, FARM TRACTORS & EQUIPMENT, TOOLS, ANTIQUES — HOUSEHOLD GOODS

WED., AUG. 16, 1989
AT 10:00 A.M.

Loc. along Indian Head Road, R.D. #2, Columbia, West Hempfield Twp., Lancaster Co., PA. (Dir.: Take Rt. 30 west of Lancaster to Prospect Road & turn right. Then turn left onto Indian Head Road to sale.)

#350 FARMALL GAS TRACTOR w/ front end loader, **FARMALL H TRACTOR, CASE V-A-C TRACTOR** w/cult. & 3-pt. hookup, 2-row Ford mounted corn picker, #350 Farmall mower, 8 HP Yardman riding mower, rotary mower, 200 gal. stainless steel Moionnier milk tank, Ford loader, 28 disc harrow, 2 flat bed wagons, walking plow, bag wagon, metal wheelbarrow, platform scales, elec. welder, elec. table saw, port. air compressor, mounted circular saw, pipe vise, block & falls, hog scraper, hand tire changer, log chain, post jacks, 4,000 tobacco lath, milk can, shovel, rake, level. Other misc. tools. Old iron fence. Plastic pipe.

AUTOS: 1965 & 72 VW 2-dr. sedans, 1963 Ford Galaxie, 1965 Ford 4-dr. sedan, 1975 Ford Pinto 2-dr., 1980 Ford 2-dr., 1969 Chevy Impala 2-dr., 1975 Cadillac ElDorado 2-dr. All cars sold "As Is." Autos to be sold at 1:00 P.M.

Pool table. **FURNITURE:** PINE cupboard. **MAHG.:** Dbl. beds, chest of drawers Kitchen cabinet. Metal beds.

MISC. GLASSWARE & CHINA. MISC. HOUSEHOLD GOODS.

Many other articles not listed.

Partial listing. Not responsible for accidents. No out of state checks. Food served.

Sale by
Mr. &
Mrs. Harold D. Murry

Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

AUCTION SALE

SALE BY ORDER OF SECURED PARTY

KITCHEN CABINET INVENTORY WOODWORKING MACHINERY, OFFICE FURNITURE

MONDAY, AUGUST 14- 10 A.M.
ON PREMISES

5101 E. COMLY ST. (REAR), PHILA., PA.
(BEHIND QUAKER RUBBER COMPANY)

CABINETS, VANITIES, APPLIANCES

1,265 WOOD KITCHEN CABINETS- Wall, Base, Sink, Utility, Oven, Lazy Susan Wine Rack & Corner Cabinets in a Full Assortment of Sizes, Colors and Styles, Cabinets To Be Sold Individually and In Kitchen Sets Sets May Contain From 5 to 20 Cabinets Per Set **152 WOOD VANITIES-** 19" to 48", Some With Side Cabinets (65 With Vanity Tops), 90 Ducted & Ductless Kitchen Range Hoods, 2 Roper Dishwashers, Roper Refrigerator, Amana Built-in Oven, Dinette Tables

FORMICA, PARTICLE BOARD, COUNTER TOPS

13,000 S F Faced & Unfaced Particle Board, 6,850 S F 4'x12' Formica, 2,500 S F 1/4-3/4 x 4 x 8 Plywood, Quantity of Asst Counter Tops & Vanity Tops, Wood Trim & Moldings, 225 Bags Limestone, Cabinet Doors, Drawers, Drawer Slides, Cabinet Sides, Valences, Caulking, Adhesive, Hinges, Door Pulls, Aluminum Trim.

2,000 S.F. ¾ "x12"x12" MARBLE FLOOR TILE

MACHINERY, PALLET JACKS, SHELVING

Arc Welder, Belt Sander, 3 Rockwell Table saws, CMP-3S Planer, 2 Craftsman Radial Arm Saws, Dble End Grinders, Blum Mini press, Walker Turner Drill Press, Rockwell 14 Band saw, 2 - 3 H P Air Compressors, OAV 8" Jointer, Marbel Cutter, 14" Auto-planer, Air Staple Guns, Power Drills, Skilsaw Saws, Power Sander, Bosch Routers, Furniture Clamps, Hand Trucks, 2 Pallet Jacks, Pallet & Metal Shelving

OFFICE FURNITURE & EQUIPMENT

Richo FT3050 Copier, Minolta EP300RE Copier, Bogen Sound System, Eagle PC Computer, Silver Reed Printer, Answer Machine Typewriters, Time Clock, Conference Table, Pedestal Fans, Storage Cabinets, 2-5 Drawer Lateral File Cabinets, Vertical File Cabinets, Upholstered Office & Executive Chairs, Ladders, A/C Unit, Drafting Tables, Blueprint Cabinets, executive Desks w/Credenzas, Office Desks, Bookcases

TERMS: CASH OR CERTIFIED CHECK. COMPLETE PAYMENT SALE DAY.
INSPECTION: FRIDAY, AUGUST 11 - 10 A.M. to 2 P.M.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY *Auctioneers*
WM. F. COMLY & SON, INC.
1825 EAST BOSTON AVENUE
PHILADELPHIA, PENNSYLVANIA 19125
(215) 634-2500

REAL ESTATE AT

PUBLIC AUCTION

THURS., EVENING, AUGUST 31, 1989
6:00 p.m.

Located in Tuscarora Twp., Juniata Co. along hard top road between McCoysville and Reeds Gap just off Rt. 35, 14 miles south of Mifflintown and 1 mile north of Reeds Gap.

Real Estate- 7:00 p.m.
Juniata County Bi-Level

Situated on a recently surveyed 2.26 acre lot with 640' hard top road frontage a 1975 S&A 28'x42' Bi-Level. Upper level completely finished with modern kitchen/dining room comb., living room, master bedroom with adjoining full bath, lower level has 3 partially finished bedrooms, utility room, full bath and office. Dwelling is well insulated, supplied with elec. heat, drilled well and sewage. Property also has small pavilion, backyard orchard with approximately 35 various fruit and nut trees. Must be seen to appreciate, ready for immediate possession.

Terms: 10% down balance in 30 days.
Showing Dates: Saturday, August 12th, 19th and 26th from 1:00 till 5:00 p.m. or inspection by appointment, phone 717-734-3476.

Home Furnishings, Car, Lawn and Garden Equipment Selling At 6:00 p.m.

Owners,
Fred and Agnes Suloff

Bryan D. Imes, Auct.
RD 2 Port Royal, Pa. 17082
Phone 717-527-2749
AU-001656-L

BRYAN D. IMES

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT. AUG. 19 - 9:30AM, Line Equipment & Vehicles, Edison, NJ, Public Service, Vilsmeier Auction Co., Inc.

SAT. AUG. 19 - 9.30AM, Antiques, Boat & Trailer, Glassware, Collectibles, located West End, two miles south of Broadheadsville, PA, Linda Griggs, owner, Robert C. Teel, Aucts.

SAT. AUG 19 - 10AM, Heavy Equipment & Farm Equipment, Wrangle Hill Auto Auction, Bear, Delaware.

SAT. AUG. 19 - 10AM, Vict. Secretary, Oak, Pine Antiques, etc., located #60 Paradise Lane, Paradis, PA, turn off Rt. 30 at "Square", follow 4 blocks, Parke & Isabelle Hershey, owners, Whiteside Auct. Serv., Aucts

SAT. AUG 19 - 10AM, Real Estate, Power Equip., Blacksmith Equip , etc., located 44 W. Liberty St , Lancaster, PA, Adam H. Burket Estate, Howard Shaub, Auct.

SAT. AUG 19 - 10AM, Farm Machinery, etc , located along Market St , Snydertown, Northumberland Co , 6 mi east of Sunbury and 6 mi west of Elysburg off Snydertown Rd , Leroy Trelinski, owner, Bryan D Imes, Auct

SAT AUG 19 - 10AM, Shop Tools, Tractor & Equip., located at the farm on Briggs Hill Rd , Nichols, NY, Merritt Varguson Estate, Howard W Visscher, Auct

SAT AUG 19 - 10 30AM, Tractors, Farm Equip , Gas Engine, Antiques, etc , located in Hellam Twp , From Rt 30, Hellam Exit, proceed north of Kreutz Creek Rd. to West Oreban Rd , turn left & proceed approx. 1 mi to sale, Mr and Mrs. Kenneth Dietz, owners, Melvin Haines and Ralph Brenneman, Aucts

SAT AUG 19 - 11AM, Tractors, Hay & Forage Equip , located on Rt 85 south of I-270 at Frederick, MD and 1½ mi south of Buckeystown, MD on Rt 85, 2nd farm on left south of Buckeystown, Gary and Judy Remsburg, owners, Robert C. Mullendore, Auct

SAT. AUG 19 - 1:30PM, Two Acre Residential RE, located just west of Lititz Borough, 619 W. Orange St., Lititz, PA, Howard M. and Erla W. Martin, owners, E. M. Murry Assocs., Aucts.

SAT. AUG. 19 - 2PM, 46 Acre Steer and Hog Farm, located along Frysville Rd., approx. 2 mi NW of Martindale, Sara W. Martin, owner, Nevin Z. Martin and Andrew Martin, Aucts

SAT. AUG. 19 - 2PM 10 Acre Tract of Land S. of Rt. 30 Midway between Rt. 896 and Strasburg Rd., along Lehman Rd , E Lampeter Twp , Lanc. Co. John I Fritz Estate Robt. E. & Jeffrey R Martin, Aucts

TUES AUG 22 - 10 30AM, Tractors, Combine, Farm & Grain Equip , Trucks, located Rt 1, Box 1534 Bethel, Berks Co , PA, from 178, Exit 5, Midway, north on Midway Rd to 1st farm on left behind Midway Diner, Carl S & Linda Martin, owners, Harry H Bachman, Auct

TUES AUG 22 - 7PM, Real Estate, 340 E Wyomissing AVe , Mohnton, Berks Co , PA, Kenneth A Geyer Auction Co , Inc

WED AUG 23, THUR AUG 24, FRI AUG 25, Martin's Annual Summer Auction, Carriages, Coaches, Sleighs, Riding and driving equip , Stable Fixtures, Horse Drawn Farm Mach., etc , Martin's Sale Pavilion, corner of Rt 340 and New Holland Rd , 2 mi east of Intercourse, Martin Auctioneers, Inc

WED. AUG. 23 - 3.30PM, Fine Furniture, Antiques, Collector Plates, Hummels, held at Brickerville Fire Hall, just off Rt. 322, approx. 8 mi. west of Ephrata, Brickerville, Lanc. Co., PA, Frank J Monaghan and Ray T. Monaghan, owners, T. Glenn Horst and Sons, Aucts

PUBLIC AUCTION

SAT., AUGUST 26, 1989

Consignment Auction of Farm Tractors & Equipment

to be held at Jake Gockley's Machinery Yard, Reinholds, PA.

30 TRACTORS, FARM MACHINERY, PARTS ROLL BACKS.

Consignments will be accepted to this auction.

Watch next week's paper for list.

Auctioneers and Clerks
Art Pannebecker
Leroy S. Hurst
Ed Goodrich, Jr.

Auction **GOODRICH** 607-642-8600
AUCTION SERVICE INC. RTE 38 & 368, NEWARK VALLEY NEW YORK 13811

1750's LOG AND STONE HOUSE (RESTORED)

PUBLIC AUCTION

1750's LOG AND STONE HOUSE (RESTORED)

THURS., AUGUST 24, 1989
6:00 P.M.

LOCATED: 3 Miles North of Canal Road at Corner of Bull Road and Bremer Road. 2636 Bremer Road, Conewago Township, York County, PA.

Real Estate Consists of 7+ Acres Improved w/Original Log Home (Circa 1750) Recently Re-Chinked w/Stone Addition (1860) and 8 Yr. Old Frame Addition. Interior Consists of 3 Bedrooms, 2 Full Baths (w/Laundry in Downstairs Bath), Sunroom, Loft, Greenhouse, Large Living Room and Kitchen Area and Dining Room. 4" Foam Insulation in Walls and Floors Throughout, Oak Plank Floor in Dining Room, Brick Floor in Living Room, Original Chestnut and Oak Beams Throughout House, Programmable Thermostat, 150 AMP Electrical Service w/Circuit Breakers, 3 Yr. Old Baker Furnace - Burns Oil, Wood and/or Coal; Baseboard Hot Water System, Thermopane Windows (Andersen) Throughout, Fireplace and Heatilator and Blower in Living Room, Wood and Plaster Walls, Stenciling in Living Room. Exterior Consists of Hand-Split 1" Cedar Shake Roof (9 Yrs. Old), Deck on Rear, 1-Car Garage, 4 Acres Fenced Pasture, 50'x100' Spring-Fed Pond w/Dock and Stocked w/Bass, Bank Barn w/Framing for Apartment, 2 Garages and Workshop in Barn, 2 Stall Horse Barn (2 Yrs. Old) w/ Loft Area, Tack Room, Electricity and Water; Goat Barn, Chicken Coop and 30 Apple Trees (Red Delicious, Yellow Delicious and Macintosh). Road Frontage of 280 Ft. on Bull Road and 1000 Ft. on Bremer Road.

NOTE: This property has a very nice setting, private driveway, flowing stream and spring. Must be seen to be appreciated.

TERMS: 10% DOWN, BALANCE IN 60 DAYS
OTHER CONDITIONS SALE DAY
FOR INSPECTION, PHONE (717) 292-5225

SELLER:
MR. & MRS. JAKE KELLER
2636 BREMER ROAD
DOVER, PA
(717) 292-5225

AUCTIONEER:
BLAINE N. RENTZEL
EMIGSVILLE, PA
(717) 764-6412
PA LIC. #761

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS. AUG. 24 - 9AM, Complete Dispersal of horse drawn farm machinery, 15 horses, dairy equip., etc. of the late Daniel K Esh, 3 mi. west of Steam Valley Mountain, Lycoming Co , Rebecca Esh, owner, Fraley Auction Co

THURS AUG. 24 - 9 30AM, Tractors, Farm Equip , Trucks, located Everetts Corner, Rt 44 & 300, 4 mi West of Kenton, Del , C T. Scuse & Sons, Inc

THUR AUG 24 - 3PM, Real Estate, Antiques, HH Goods, Mechanic Tools, Coins, located at 1104 Lincoln Heights Ave., Ephrata, Lanc Co , PA, corner Lincoln Heights Ave. & Crescent Ave , Maomi Redcay, owner, T. Glenn Horst and Sons, Inc., Aucts

THURS. AUG. 24 - 6PM, 1750's Log and Stone House, Restored, located 3 mi. north of Canal Rd. at Corner of Bull Road and Bremer Road, 2636 Bremer Road, Conewago Twp., York Co., PA.

THURS. AUG. 24 - 7PM, 7 2 Ac. Chester Co. Farmette, 223 Ridge Rd., East Vincent Twp., Kenneth A. Geyer Auction Co., Inc.

FRI. AUG. 25 - Shippensburg, PA, Dairy Cow Dispersal, Carl & Betty Kelso, owners, Kling's Auctions, Inc , Sale Mgrs.

FRI AUG 25 - 1 30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc Exit 12 Off I-81, Phone 717-249-4511.

FRI AUG 25 - 2PM and SAT AUG 26 - 9AM, Antique Furn , collectables, tools, lumber, etc , located approx 30 mi east of State College, Centre Co , PA on route 45 or 25 mi west of Lewisburg on Rt 45 at Millheim follow signs to Pine Creek Rd then turn on Old Mountain Rd , Mrs Helen Class, owner, Leon J. Smith, Auct

FRI AUG. 25 - 7.30PM, Ridgeline-Acres Dairy Cattle Sale, located in Cumberland Co , 6 mi. north of Shippensburg, PA, on Ridge Rd , off Rt 696, Carl, Jr and Betty Kelso, owners, Kling's Auctions, Inc

SAT. AUG. 26, Harness and Harness Shop Equipment, blacksmith tools, wagons and sleighs, located in Ephrata, PA, Mervin Z. Martin, owner, Bryan D. Imes, Auct.

SAT. AUG. 26 Consignment Auction, at Jake Gockley's Machinery Yard, Reinholds, PA, Goodrich Auction Service.

SAT AUG. 26 - 9AM, Real Estate, Antiques, HH Goods, located at 650 Schoeneck Rd., West Cocalico Twp., Lanc. Co., PA, Rt 272, north of Ephrata, turn west onto Schgoeneck Rd. at PP & L Service Center, H. Roy Martin and Katie W. Martin, owners, T. Glenn Horst and Sons, Aucts.

SAT. AUG. 26 - 9AM, Full Line of Sporting Goods, Guns, Ammo, Fishing Equip., Apparel, Etc., located 2210 Carlisle Rd., Aspers, PA, Don's Gun and Ammo, Donald E. Trostel, owner, Clair R. Slaybaugh, Auct

SAT. AUG. 26 - 9AM, Guns, Furniture, Lawn Tractors, Power Tools, located in Mifflin Co., 9 mi. North of Lewistown, PA, along Rt. 522, Mrs. D.N. (Bud) Mann, owner, Mark Glick, Auct.

REAL ESTATE

AUCTION
MON. EVE., AUG. 14
6:00 P.M.

Village of Union Deposit, South Hanover Twp., Dauphin Co., Pa. From Rt. 322, take Rt. 39 west about 2 miles to Union Canal House Sign, turn left for ½ mile to Main St. Turn left to auction site. From Rt. 22, take Rt. 39 East about 3 miles to sign South Hanover Twp. Shed. Bear right to Main St. turn right to Auction site.

Lot Size 50'x165' - 2½ story w/alum. siding, storm windows, front & rear porch, 1st floor has lg. L shaped living rm. w/knotty pine walls, kit. w/double sink, range, laundry rm., ½ bath. 2nd floor has 3 bedrms., full bath, property has public water & sewage, 10'x12' storage shed, lg. 16'x28' wood patio deck area. This property has mature trees & shrubs. Mins. from Hershey, about 10 miles from Harrisburg, 12 miles to Lebanon. This is a desirable property. For inspection call auctioneer @ (717) 933-5736.

Terms of Sale, 10% Down Day of auction, Bal. In 45 Days Or Less.

Terms of Sale

JEFF ADAMS
JACK MESSENGER II

Auctioneer - Dwight D. Miller
AU-2414-L
(717) 933-5736

NOTE: Don't Delay, Take A Look At This Nice Property, Located In A Quiet Residential Area.

Farmersville Auction
TUESDAY, AUGUST 15
1:00 P.M.

In Farmersville, 3 Mi. East of Brownstown, Lanc. Co., Pa.

House lot from Harrisburg, plus additions.

See Lanc. newspaper Sat., Aug. 12 for listing.

Furniture sells at 7:00 P.M.

We Sell On Commission.
Call John J. Rutt 717-354-5095.
Auctioneer: Larry Rutt AU-2455-L

Consignments Being Accepted For Our Labor Day Antique & Collectibles Auction.

ADVANCE NOTICE
PUBLIC AUCTION
INVENTORY REDUCTION SALE

Twin W Dairy, Telephone Rd. and Haynes Rd., Cincinnatus, NY

607-863-3450

SATURDAY AUGUST 26, 1989
10:30 AM

Over 40 tractors and misc. farm equipment.

WATCH FOR LISTING

NOTICE

PUBLIC AUCTION

MONDAY, SEPTEMBER 11, 1989 9:00 A.M.

FARM TRACTORS AND EQUIPMENT

Consignments Welcome

Early Consignments include MF 510 diesel combine, NI 2 row narrow cornpicker w/12 roll husking bed, NI 2 row wide cornpicker w/8 roll husking bed, JD 2240 tractor, JD 2020 tractor w/loader, IH 686 tractor. Watch for complete sale listing and additions in the next four issues of the Lancaster Farming. Call NOW to consign your equipment so it will get the advertising exposure it deserves! Everything consigned must be sold to the highest bidder regardless of price.

CONTACT:

DAVID WENGER	GLENN WENGER	HARRY BACHMAN	DENNIS GRUMBINE
(717) 866-2135	(717) 866-2135	(717) 867-1809	(717) 272-4641

LEBANON VALLEY AUCTION COMPANY, INC.
138 College Avenue
Annville, Pennsylvania 17003

ABSOLUTE AUCTION- REPOSSESSED VEHICLES

SATURDAY, AUGUST 19, 1989
AT 11:00 A.M.

Keystone Public Auto Exchange, Rt. 22/322, between Dauphin & Clarks Ferry Bridge

1989 Ford F350 XLT Lariat Crew Cab dual wheel Centurian Conversion Truck, loaded w/only 6,000 miles!!
1989 Dodge Daytona Shelby, loaded, 5 sp, only 4,000 miles, red
1989 Chev Cavalier Z-24, loaded, only 8,000 miles, red
1989 Ford Festiva 2 dr, 5 sp, 4,900 miles, gray
1989 Ford Probe
1989 Ford Mustang, 4 sp, w/roof, only 7,600 miles
1989 Nissan 4x4 P/Up, 5 sp, 21,000 miles, gray
1988 Chev S-10 4x4 P/Up, 34,000 miles, blk/red
1988 Mero Merkur XR4T1
1988 Dodge D-50 4x4, 5 sp, 24,000 miles, red
1988 Chev Beretta GT, 5 sp, a/o, 22,000 miles, blue
1988 Ford Ranger 4x4, 5 sp, a/o, 36,000 miles, green
1988 Dodge Daytona Shelby, loaded, 5 sp, only 1,100 miles, white
1988 Chev Sprint 4 dr, 5 sp, 14,000 miles, blue
1988 Ford Mustang LX, at, a/o, s/roof, 14,000 miles, blue
1988 Nissan King Cab P/Up, 4 sp, 11,000 miles, blue
1988 Jeep Cherokee 4x4, at, ps, pb, a/o, 17,000 miles
1987 Renault Alliance GTA Convertible, 5 sp, a/o, 28,000 miles
1987 Dodge Raider 4x4, at, ps, pb, 50,000 miles, black
1987 Plym Horizon, 4 sp, a/o, 50,000 miles
1987 Chev Blazer 4x4, at, a/o, 76,000 miles, brown
1987 Buick Skyhawk 2 dr hbk, at, a/o, 32,000 miles, black
1987 Plym Vista SW 5 sp, a/o, 43,000 miles, maroon
1986 Ford Bronco II, 5 sp, 6 cyl, 42,000 miles, red
1986 Ford Tempo 4 dr, 5 sp, a/o, 76,000 miles, gray
1985 Chev Van at, ps, pb, 56,000 miles, brown
1985 Chev Suburban 20 2 wheel drive, loaded, 69,000 miles
1985 Ford Escort 4 dr, 4 sp, 59,000 miles
1984 Chrys LeBaron 4 dr 48,000 miles (wreck)
1984 Olds Cutlass Cierra 4 dr, loaded, 6 cyl. 54,000 miles
1984 Ford Bronco II, 6 cyl, at, a/o, 63,000 miles, black
1984 Ford Escort 2 dr, gray, 62,000 miles
1984 Pont Fiero SE, 5 sp, a/o, 57,000 miles
1984 Olds Omega Bro, 4 dr., at, ps, a/o, 81,000 miles
1984 Pont F/Bird 6 cyl, at, a/o, 54,000 miles
1984 Ford LTD Crown Vio, loaded, 117,000 miles
1983 Pont J2000 2 dr, at, a/c, 53,000 miles, red
1982 Ford F350 Jerr Dan Rollback Truck, 111,000 miles
1973 Dodge Excalibar Class A Motorhome, Loaded
Plus 10 other .1981 & older repo units

ALL VEHICLES LISTED ABOVE SOLD "AS IS" TO HIGHEST BIDDER REGARDLESS OF PRICE!!
TERMS: PUBLIC BUYERS CASH DEPOSIT OF $300.00 PLUS ADDITIONAL 25% OF PURCHASE PRICE IN CASH DAY OF AUCTION. BALANCE DUE NEXT BUSINESS DAY IN CASH ONLY!! NO EXCEPTIONS!! DEALER CHECKS ACCEPTED. Temp tags w/proof ins. day of auction only. Title work/notary on premises. Plenty parking & food. CALL: 717-921-2200 for consignment info.

SPECIAL TRUCK & CONSIGNED UNIT

1985 Chev Silverado 4x4 P/Up loaded - every option, A title one owner, 40,000 original miles w/ bedliner, running boards, bug shield, like new SOLD ABSOLUTE TO HIGHEST BIDDER.
1923 Ford T Bucket, 327 high performance chev. engine, at

50 ++ GMAC LEASE VEHICLES

NOTE: GMAC RESERVES RIGHT TO ACCEPT OR REJECT ANY BIDS ON THE FOLLOWING: ALL ARE A TITLE ONE OWNER UNITS: 2 1985 Sunbirds, 3 1985 Cavaliers, 4 1985 Spectrums, 2 1985 Astro Vans, 2 1985 Chevettes, 3 1985 Olds Calais, 1985 Cutlass Cruiser SW, 1985 Fiero, 1985 Century, 1986 S-10 Trucks, 1985 Astro Vans, 1985 Buick Estate SW, 1986 Celebrities, 1985 Celebrities.

IF YOU WISH TO SELL A VEHICLE CALL NOW FOR INFO: 717-921-2200.
PLEASE NOTE: CHILDREN UNDER 16 YEARS OLD WILL NOT BE ADMITTED UNDER ANY CIRCUMSTANCES!!

COMMONWEALTH NATIONAL BANK
FARMERS BANK & TRUST, GMAC,
DAUPHIN DEPOSIT BANK,
DROVERS BANK, HAMILTON BANK

KEYSTONE PUBLIC AUTO EXCHANGE
KPAE

A Division of Kerry Pae Auctioneers
1111 Rt. 22-322
Dauphin, Pennsylvania 17018
717-921-2200

AU 1367

HORSE TACK & TACK MANUFACTURING EQUIPMENT

AUCTION

Saturday, August 26, 1989
10 a.m.

Auction held on location at Richard Ferlito Farm, 1292 Oneida River Road, Phoenix, New York 13135. 20 minutes north of Syracuse. AUCTION #0828.

A fine selection of more than $30,000 worth of tack and tack manufacturing equipment, plus a few wagons, carriages and a two-seated surrey with fringed top that Mr. Ferlito has collected for the past 20 years, will be sold to the highest bidder regardless of price, at public auction. INVENTORY INCLD: Landis #3 stitchers, USMC Ideal clickers, Champion model 11 splinter, 40" leather knife w/table, table mounted leather creaser, small set leather creaser, turret head spot setting machine to set #3, 4, 5 & 6 (foot operated), hale punch machine, foot operated oblong punch machine, foot operated end strap cutter 12" throat, Landis strap end skiver, electric strap skiver, bobbin winding machines, wax pot, blind molds, set brass dies for box loops, shoe repair stand, stitching horse, wagon poles, sleigh poles, buggy thrills, wipple trees, single trees, horse thrills, high wheel racing cart, walking plows, 2-way plows, 5th wheel milk wagon chassis, 5th wheel elec. wheel wagon w/hydraulic brakes, single seat buggy w/new top & upholstery & new tires, milk wagon w/thrills and pole, new harness parts, new & used collars, new & used hames, used harness drafts, used carriage double harness w/collars, used harness parts, hardware for single trees, nickle & brass rivets, swivel heel chains, bits-draft & driving horse, tick faced sweat pads, felt sweat pads, misc. leather, sheep skin, leather die (blk., brown & wht.), harness dressing, nickle & brass spots, staples, large quantity of harness hardware, horse shoes, buggy ropes, sleigh bells, harness oil, leather conditioners, clicker dies, all kinds of hand tools, plus much more.

TERMS: Cash or NYS Checks. Refreshments. Preview Friday, August 25, 10-5, and two hours before auction.

BRZOSTEK'S
Auction Service, Inc.
2051 Lamson Road, Phoenix, NY 13135
315-678-2542/1-800-562-0660
Bernard J. Brzostek, CAI

Public Auction Register

Public Sale

of
Household Goods, Antiques and Tools

SAT., AUGUST 19, 1989
at 9:30 A.M.

Located: Along Mill Road, ½ mile south of Martindale, Lancaster County, Pa.

Household Goods and Antiques

Oak bed, oak dresser, chest of drawers, bird's eye maple dresser, other dressers, small walnut chest, Dormetic gas refrigerator, Caloric gas stove, cedar chest, 2 rocking chairs, high chair, 6 kitchen chairs, other chairs, clothes tree, 5 pc. carpet, throw rugs, hand carved canes, other crafts, 2 old toilet sets, gold trimmed berry set, gold trimmed water set, glass butter churn, butter mold, 12 peanut butter tumblers, lots of tumblers, lots of dishes and glassware, old watches, iron dutch oven, egg scales, balance scale with weights, kerosene lights, Aladdin light, gas lantern, gas hanging light, buggy lanterns, carriage lantern, brass lantern, 1 and 2 gallon jugs, some dated jars, gallon crocks, iron kettle, meat grinder, sausage stuffer, butcher fork, ladles, wooden tub, scalding trough, hog scraper, meat saw, cleaver, grain flail, old wooden shaking fork, old bottles, drop handle milk cans, lots of books and magazines, homemade soap.

Tools, Etc...

Old square back sleigh, sleigh bells, carriage harness, pony harness, platform scales, shovel harrow, roto-tiller, Black & Decker sander, Milwaukee portable saw, framing tools, corner chisels, framing chisels, mallot, 2-man saw, hand saws, buck saw, hatchets, small Stohler ax, claw hammers, slating tools, stockade poles, hand juty, 24" Keen Cutter hand plane, jack plane, butt plane, 4" slick, small sandstone trough, 6 ft. cast iron trough (Brunnersville), boards, wrecking bars, carriage pole. Many more small items and antiques not listed.

Auctioneer's Note: Tools at 9:30, sleigh at 11:00, followed by household goods.

TERMS BY:
AARON G. & LENA MARTIN
215-445-4183

AUCTIONEERS:
Paul W. Horst 215-445-5119
& LeRoy S. Horst AU-000436-L

CLERKS: The Nolts

REFRESHMENTS WILL BE SERVED
Not responsible for accidents if any should occur.

SAT. AUG. 26 - 9AM Sharp! Used Harness Shop Machines & Equip., located Martin's Harness Shop midway between New Holland and Leola just off Rt. 23 along Fairmount Rd., Mervin Z. Martin, owner, Bryan D. Imes, Auct.

SAT. AUG. 26 - 9:30AM, Line Equipment & Vehicles, Montgomeryville, PA, Bell of PA & NJ Bell, Vilsmeier Auction Co., Inc.

SAT. AUG. 26 - 10AM, Tractors, Machinery, Pickup Truck, etc., located in York Co., ¼ mi. north of East Berlin, PA, alson Rt. 194 turn right on lane opposite Rife Rd., E. Grace Miller, owner, William Hoover, Auct.

SAT. AUG. 26 - 10AM, Horse Tack & Tack Manufacturing Equip., located at Richard Ferlito Farm, 1292 Oneida Rive Rd., Phoenix, NY, Brzostek's Auction Service, Inc

SAT. AUG. 26- 10.30AM, Complet Farm Dispersal, at Cranberry Lake between Addison, Bath and Campbell in Steuben Co., New York, Mr. and Mrs. David Hovey, owners, Pirrung Auctioneers.

SAT. AUG. 26 - 10:30AM, Inventory Reduction Sale, 40 Tractors and Misc. Farm Equipment, Donald Scheese.

MON AUG. 28 - 4PM, 5.6 Acres Real Estate, Antiqs., HH Goods, located 945 Log Cabin Rd., Warwick Twp, Lanc. Co., PA, Mary E. Albert, owner, T. Glenn Horst and Sons, Aucts

TUES. AUG. 29 - 5PM, Two story dwelling, art objects, paintings, HH goods, located at 66 Heritage Rd, Akron, PA, Rhoda Levenson, owner, T. Glenn Horst and Sons, Aucts.

TUES. AUG. 29 - 6PM Gun and Clock Sale at New Holland Sales Stables Inc., New Holland, PA.

TUES AUG 29 - 7PM, Real Estate, located in Bareville at 281 E. Main St., Leola, Upper Leacock Twp., Lanc. Co., Juan D. and Mary M. Maldonado, owners, Robert and Jeffrey Martin, Aucts

WED. AUG. 30 - 3:30PM, 2 Parcels of Real Estate, Antiques, Personal Property, located ½ mi. east of Hellam, PA on Rt. 462, turn south on Hillview Rd., Your Place Tavern, 7th house on left, Vera C. Keller, owner, Blain & Nevin Rentzel, Aucts.

Public Auction

Horse-drawn Surrey, Antiques & Collectibles

Tues., Aug. 15, 5 p.m.

Sale held in Mt. Bethel Fire Hall
Route 611, Mt. Bethel, Pa.
(Two miles south of Portland Toll Bridge)
Inspection: 3 p.m. until sale
Refreshments available

Highlights: Early horse-drawn two-seat surrey made by Staples & Katz of Stroudsburg, Pa., in fantastic restored condition; early horse-drawn cutter sleigh made in Columbia, Pa.

Guns: Rare Victor Sarasqueta 12-gauge shotgun in mint condition w/original case; 12-gauge Fenton shotgun; Stevens .22 rifle, Winchester automatic .22 rifle.

Furniture & others: Lots of Oriental Rugs; Oak bed, oak Empire china closet; two-over-four oak dresser; five-drawer oak high chest; (3) oak dressers; (4) oak T-backs; early blanket chest; pine wash stand; tall mahogany chest of drawers; mahogany file cabinet; two-stack mahogany; rock maple china closet; rock maple child's rolltop desk; drum table; (2) early quilts (one appliques tulip, mint condition); early hand-made spread, signed; Hummel plates; beer steins; Wedgwood plates; (2) antique movie posters; carnival glass; cut glass; Depression glass; old postcards; Nippon china; Victorian paintings & prints; cast iron toys; Silver & costume jewelry; clock cases; lanterns; fishing equipment; sterling silver & silverplate; linens; military clothing; floor lamps; tools; box lots, plus much more.

Terms: Cash or check approved prior to sale.

Auctioneer's note: This is a long sale with lots of items to come. This is only a partial list. Housewares: 5 p.m. Antiques: 6 p.m.

Auctioneer:

Robert C. Teel

Auction License No. AU-002409-L
Daily inquiries: (717) 897-6558
Rt. 611, Mt. Bethel, Pa. 18343

SPECIAL EQUIPMENT SALE

At
New Holland Sales Stables, Inc.
FRIDAY, AUGUST 18, 1989
Located 12 Miles East Of Lancaster, Pa.
Just Off Rt. 23, New Holland, Pa.

Consisting of

Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**
Sold Off Wagons or Trucks Only.

1 Load fruit and shade trees; 1 heavy duty rotary mower; Smoker 24' elevator; Oliver 1550 diesel tractor, WFE; AC forage wagon; Ferguson 3 pt. hitch corn worker; Farmall M tractor; JD grain drill; 1 row Fox 900 corn harvester; NI #323 1 row corn picker; NI cornpicker auto turn truck; rebuilt 6 cylinder Ford gas engine; Massey Harris #8 16" silage cutter; Oliver #5 corn picker; NI #323 1 row picker, nice; NI #323 Picker, excellent condition; IH #32 blade wheel disc; new utility trailer 2900 lb. GVWR; 16' flat bed wagon on steel wheels; IH combine, ground drive; IH #7 silo filler; Pequea manure spreader, rebuilt; JD combine for parts; Gehl 400 harvester; JD 3800 harvester; NI #323 picker; NH 770 harvester, Grimm Tedder; NI #752 crimper.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341.

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

NOTE: Gun & Clock Sale Tues., August 29- 6:00 P.M.
Next Equipment Sale Sept. 15- 9:00 A.M.

PUBLIC AUCTION

FRIDAY EVENING
AUGUST 25, 1989
7:00 P.M. Lebanon, PA

LEBANON COUNTY SALE

LOCATION: At Lebanon Area Fairgrounds (from Lancaster-Lebanon Interchange PA Turnpike take Route 72 North about 5 miles to Rocherty Road, turn right to Cornwall Road. Fairgrounds are at the corner about 2 miles south of Lebanon.)

50 REGISTERED HOLSTEINS

25 Bred Heifers Due Late Summer and Fall, 13 Recently Fresh Young Cows, 13 Open Heifers- Some Show Prospects, 1 Breeding Age Bull. **Eligible for Interstate Shipment, Catalogs, Preg. Exam., Most Vac. Featuring Daus. of** Mark, Valiant 2, Bell, Melvin 2, Mandingo 2, Steady 5, Cleitus, Inspiration, Gold.

Dams of Heifers Selling:
3 Over 1000 fat
7 Over 900 fat

Young cows selling with records to:
4-3 365 33,291 3.3 1101 Sired by Reckers Ace

Also 2-0 365 21,995 3.8 836 Sired by Valor

Sale Sponsored By
LEBANON COUNTY HOLSTEIN CLUB
Vincent Wagner, Sale Chairman

HARRY H. BACHMAN, Auctioneer
138 N. College Ave., Annville, Pa. 17003
AU-000033L (717) 867-1809

For Catalogs Contact- Dale L. Hoover, Pedigrees
517 Horseshoe Pike
Lebanon, PA 17042
717-867-2489

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS. AUG. 31 - 1PM, Valuable Lane-127 Acres, located off Oak St., North Cornwall Twp., Lebanon Co , PA from Lebanon, S. 12th St., west on Oak St., past church & 1st farm, turn left onto access lane at sign, Anna Kleinfelter Estate, Harry H. Bachman Auct

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THURS AUG. 31 - 6PM, Real Estate, located in Tuscarora Twp , Juniata Co , along hard top road between McCoysville and Reeds Gap just off Rt. 35, 14 mi south of Mifflintown and 1 mi. north of Reeds Gap, Fred and Agnes Suloff, owners, Bryan D. Imes, Auct

SEPTEMBER

FRI. SEPT. 1 - 9AM, Fall Machinery Sale at the Belleville Livestock Market, Belleville, PA, selling all kinds of machinery on consignment. Glick, Gibboney, Gilligan, Aucts.

SAT. SEPT. 2 , 4th Annual Consignment Sale, Williams Grove Historial Steam Engine Assoc., Harold Scheib or Little IKE Eichelberger, Auct

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SAT. SEPT 2 - 8.30AM, Antiques, Collectibles, China, Glassware, Camping Equipment, Garden and farm tools, located north of East Berlin, PA, Rt. 194, turn east on Davidsburg, Rd., go ¾ mi. to Shippensburg Rd. on left (1 room school house on right), turn left and go ½ mi. to Hull Rd., turn right ½ mi. to sale on left, Mr. and Mrs. John C. Ogden, owners, Blaine & Nevin Rentzel, Aucts.

SAT. SEPT. 2 - 8:30AM, 4th Annual Consignment Sale, located at Williams Grove Historical Steam Engine Assoc., 10 mi. South of Harrisburg, PA, off Rt. 15 or 74, Little IKE Eichelberger, Auct.

PUBLIC AUCTION

Vict. Secretary, Oak, Pine Antiques, 2,000 Post Cards, Crockery, Tinware, Glassware, China, Collectibles, Etc.

SATURDAY, AUGUST 19, 1989
10:00 A.M.

Location: 60 Paradise Lane, Paradise, PA. Turn off Rt. 30 at "Square." Follow 4 blocks.

By Order:
PARKE & ISABELLE HERSHEY
Owners

WHITESIDE AUCTION SERVICE
215-932-2114 or 2291
Auctions, Appraisals, Removals
AU-2368 & AU-1006
PA & MD Licensed & Bonded Service

PUBLIC AUCTION

Val. Horse drawn farm machinery, 14 horses, dairy equipment, shop tools, etc. (of the late Daniel K. Esh). Located on farm 3 miles West of Steam Valley, 3 miles NE of White Pine, just off Rte. 184 along Caldwell Road. 20 miles N of Williamsport, PA. Watch for Auction arrows off Rte. 15 at Fry's Turkey Ranch.

THURSDAY, AUGUST 24, 1989
Starting 9 A.M. Sharp
FARM MACHINERY, ETC.

IH 560 Gas tractor, TA, 2 pth, belt pulley-complete overhaul, choice of steel or rubber wheels; Deutz air cooled diesel tractor, belt pulley, pto, just overhauled, used very little - 1 of the early models; JD 327 baler on steel; Kohler 20 Mag gas engine, elec start - fits baler; NI 323 corn picker w/AC 4 cyl gas engine, IH 1150 pto grinder - mixer on rubber, Vicon 7' 6" discbine - needs overhaul, 22' Elevator w/hyd. motor, Lombardini L54 50 hp diesel w/hyd pump, Rockford reduction clutch - real good; AC 60 hp power unit, JD Big 4 6' grass mower; IH 35 roto bar rake w/triple rubber teeth, 3 bar side rake; Vicon swing tube fertilizer spreader on cart, 2 McD loader - binders 1 for parts, JD 999 2 row corn planter, McD 2 row corn planter; JD 1240 4 row plateless corn planter, disc openers, bug boxes; Oliver 2-14" trailer plows; Graham 7 & 9 tooth chisel plows; Oliver 10' transport disc, 6' roller - harrow, 12' springtooth harrow; 9' offset disc, Brillion 10' cultipacker; Brillion 8' cultimulcher, MC rotary scythe, 2 row stalk chopper, Bell City 28" thresher - ready to go; McD 7' grain binder; several 2 horse cultivators; White Horse hyd forecart, several other forecarts; expandable cultivator; Papec 19" silage cutter; quantity of blower pipe; 2 wheel dump trailer; Favorite gravity bin wagon; unusual pull type vibrating potato digger; 2 AC hay conditioners; 200 gal 8 row sprayer; NH mower - conditioner; hyd. wood splitter; Cunningham conditioner; roller - mill; alum elevator; misc. rubber tires; 6" burr mill, NH 36' all purpose elevator; 2 - 16' flatbed wagons; NI 4 wheel manure spreader; NI 17 manure spreader; NI 12A manure spreader; Papec blower; fast hitch carrier; concrete mixer; round wire corn crib; 3 round bale feeders; several small gas engines, some like new; 2 Bernard single cyl. diesel engines; spring wagon; 300 gal. fuel tanks; 2 platform scales; Algoma hammermill; AC B tractor motor & other parts; potato plow; telephone poles; Kawasaki 7½ hp. gas hyd. unit w/hose - like new; Farquar thresher - for parts; quantity of old machinery for parts; scrap pile; 3 6"x12" steel I-beams; etc. etc.

SHOP TOOLS, DAIRY EQUIPMENT, ETC.

Air Products 200 amp AC/DC welder - power plant; Central Air 5/8" drill press; air table saw; Grizzley 15" planer; Craftsman table saw & jointer; pipe fittings; pulleys; concrete tools; anvil, nuts - bolts; drill bits; air drill, impact wrench, disc grinder, etc.; wheel pullers; ¾ " drive socket set; other sockets; wrenches; vise; belts; pipe cutter & threader; come along; welding rods; Sachs - Dolman 133 Super chainsaw; Stihl 045AV chainsaw; Homelite gas skillsaw; hyd. jacks; Acetylene cutting torch set; Stihl weedwacker; Ashley wood stove; 36' endless belt; toher belts; chain hoist; air tank on wheels; oil & grease; kero heaters; chains; lots of other shop tools; quantity of cherry, walnut, pine, hemlock lumber; etc. **DAIRY EQUIPMENT:** Lister TS-2 2 cyl. diesel, 12 v elec. start; Lister SR2 diesel - 12 v elec. start; 2 Girton D-4 400 gal. bulk tanks; 12 volt switch box for bulk tank; 3 hp. cooling compressor; 2 stag 3 hp. air compressor; Universal; vacuum pump w/oil reclaimer; Surge vacuum pump; 2 - 500 gal. compressed air tanks; 2 Parmak 12v fencers; 275 gal. fuel tank; jumper cables; battery; 3 Poly Square calf hutches; wood hutch; 4 60 lb. Bou a matic milker units - see thru claws; double stainless steel wash vats; 3 Westfalia bio claws; strainers; pails; etc. feed carts; shovels; forks; Stewart air clippers; milk scales; metal desk; metal cabinet; Delaval cream separator; CI butcher kettle; stir; hog scrapers; tripods; meat grinder; wheelbarrow; seed cleaner; saddle; corn sheller; milk cans; etc. etc. Also some household goods. Sav. 222 - 22 ga. over/under gun.

14 HORSES 14

Pair 8 or 10 yr. old black geldings - works anywhere; 5 yr. old morgan percheron gelding; 10 mo. old percheron - morgan stud; 7 or 8 yr. old per. - bel. gelding - works anywhere; smooth mouth white mare; 7 yr. old App - Per. mare - works in jockey stick; 1½ yr. old per. morgan mare; 3 yr. old purebred morgan mare; 3 yr. old per - morgan mare; 4 yr. old morgan mare - green broke; several green broke 4 yr. old road horses; etc. 12 sets work harness - 2 polyester; 24 work collars; 1 set driving harness; few bridles; lines; 1- 2- 3- 4- 5- 6-8 horse hitches; lots more.

Auction note: This is a complete liquidation, many items still not listed, farm is sold, everything must go. If not for the untimely death of Mr. Esh these items would not be for sale. Plan to attend this large 1 day dispersal.
Terms: Cash or Good Check day of sale. Out of state buyers must have bank letter of credit guaranteeing funds.

Owner, Rebecca Esh

Conducted by FRALEY AUCTION CO.
Licensed & Bonded
#RY71L
R.D. #4 Muncy, PA 17756
(717) 546-6907

LUNCH AVAILABLE

TWO DAY

PUBLIC SALE

OF WED., AUG. 16, 1989
5:00 P.M.
SHOP TOOLS, HAND TOOLS, GUNS, MACHINIST TOOLS
THURS., AUG. 17, 1989
5:00 P.M.
ANTIQUES & HOUSEHOLD GOODS
135 Ruby Street, Lancaster, PA
Second block off Columbia Ave.
between First & Second Street
Wednesday- 5 P.M.

CRAFTSMAN AIR COMPRESSOR, STANLEY MITER BOX W/SAW, Electric Drills, Routers, Sanders, Star Drills, Propane Torch, Block Planes, Metal & Wood Bits, Copper & Brass Fittings, Tap & Die Set, Reamers, Bench Grinders.
CARPENTER WOODEN TOOL BOXES, CRAFTSMAN METAL TOOL BOXES, MACHINIST TOOL CABINET, Oak Shoe Shine Stool.
MACHINIST TOOLS- Comb. Square/Level w/Inclinater- Head & Protractor, Micrometer, Assort. of Calibers, Adj. Wrenches, Side Cutters, Needle Nose, Feeler Gage, Metal Stencils, Assort. Files, Circular Saw, Grease Gun, Augar, Spring Bal. Scale, Brace w/Bits, Hacksaws, Coping Saw, Rafter Sq., Lead, Shoe Lathe, Masonry Bits, Soldering Gun, Center Punches, Wooden C Clamps, Voltage Tester, Chisels, Hoof Peg, Sledges, Pulleys, Box & Open End Wrenches, Stepladder, Barrel Tools, Roofing Paper, Ext. Cords, Metal Desk, Baskets, Garden Tools, Large Assort. of Hand Tools.
Krag 30-40 Deer Rifle, 12 Ga. Single Barrel Shot Gun, Rifle Scope.

Thursday- 5 P.M.

OAK EXT. TABLE W/12 BOARDS, 6 PLANK BOTTOM CHAIRS, Oak Library Table, Steamer Trunk, PINE DOVETAILED BLANKET CHEST, Pie Crust Table, Open Washstand, Oak Rocker, 3 pc. Bedroom Suite w/Boxspring & Mattress, EMPIRE BUREAU, Assort. of Rockers & Chairs, Sterco, Uph. Chair, Quilt Frame, Bookcase, Sweeper, Wooden Stools.
BUTLER STAIR GLIDER W/SEAT & AUTOMATIC LIFT- EXCELLENT CONDITION.
Old Frames & Paintings, Floor & Table Lamps, TV, Window Fan, Portable Sewing Machine, Reed Baskets, Books, Games. Gibson Upright Freezer, Gibson Air Conditioner 18,000 BTU.
OIL LAMP W/WALL BRACKET, Kerosene Lamps, STEREOSCOPE VIEWER W/ CARDS, Wm. Roger Silverware service for 12, Split Bamboo Deep Sea Rod, German Cracker Jar, Fine Stemware, Pressed & Pattern Glass, Glass Basket, Peanut Butter Glasses, Ruby Glass, Staffonshire, Goofus Glass, Everyday China, Crocks, Cast Iron Skillets, Copper Tea Kettle, Canning Jars, Small Appliances, Bottles, Pots & Pans, Carriage Robe, Bleached Muslin, Linens & Bedding, QUILT PATCHES, Feed Bags, Sugar & Spice Bags, Hat Boxes, Yarn, Material Sewing Supplies, Doilies, Electrolux Floor Waxer.
Lots of items too numerous to mention.

Parking in rear at
Zephyr Aluminum, Inc.
No Out-Of-State Checks
Food
Not Responsible for Accidents
Sale By:

Earl & Estella Mowrer

MILLER & SIEGRIST
AUCTIONEERS
Elvin Siegrist 687-6857
Alvin Miller 392-1547
Paul Andrews
AU-1723-L

Benson Leather Craft

PUBLIC AUCTION

THURS., AUGUST 17, 1989
10:00 A.M.

Due to the fire will liquidate, located at Lititz Harness Shop, 619 West Lincoln Ave., Lititz, PA 17543, 9 miles north of Lancaster just off Route 501 and 4 miles south of Brickerville just off Lincoln Ave.

Large Inventory of New Harness Shop Merchandise

Buckles; snaps; hardware; blankets; blanket material; dry good material; rope; nylon; webbing; belts and more.

Used Harness Shop Inventory

Leather presses and machinery; sewing machines; shelving; office desk; filing cabinets; metal bins; etc.

New Quilts

Lone Star; Log Cabin; pillows; new decorator horse collar clocks and mirrors.

TERMS: CASH OR GOOD CHECK
NO OUT OF STATE CHECKS

WILLIAM BENSON, Owner
Phone 717-626-2781

Bryan D. Imes, Auct.
Port Royal, PA
Phone 717-527-2449
AU-001656-L

SALE HELD RAIN OR SHINE

PUBLIC SALE

Of VALUABLE REAL ESTATE
5 Acre Farmette
Farm Equipment, Antiques, Household Goods

Saturday, Sept. 9, 1989
9:00 A.M.
Real Estate 1:00 P.M.
1135 Beaver Valley Pike,
Lancaster, West Lampeter Twp., PA
Dir.: ½ mile south of Penn Grant Road or 3 mile from Willow Valley on Route 222 South.

Property consists of 2 Story Framed Barn, 3 Chicken Houses, 2½ Story Framed Dwelling w/Perma Stone, Situated on 5 Acres M/L with 528' Road Frontage along Rt. 222. Land is level and in high state of cultivation. Zoned Agricultural.
1st Floor Dwelling: Lg. Kitchen, Dining Room, Lg. Living Room, Den, Laundry, Full Bath.
2nd Floor: 4 Bedrooms, Full Bath.
Basement, Auto-matic Stoker w/Hot Water & Cast Iron Radiators, New Sewer System, Well, Cistern.
OPEN HOUSE: Thursday, August 17, 6-8 p.m.; Saturday, August 19, 1-3 p.m.; or call auctioneer for appointment, 687-6857.
TERMS: 10% down, balance on or before October 30, 1989.
Sale By:

Earl & Irene Groff

Attorney: James H. Thomas
Auctioneers
MILLER & SIEGRIST
Elvin Siegrist, 687-6857
Alvin Miller, 392-1547
Paul Andrews
AU-1723-L

PUBLIC AUCTION

THURS., EVE., AUG. 17th
@ 5 PM

Located at 2078 Jarvis Road, near Conestoga Valley H.S. off Horseshoe Road.

Bechtold

AU-2176-L

VEHICLES: 1988 Ford Aerostar V-6 7 pass Van, Loaded with 18K miles, 1948 Desoto 4 dr Sed Inspected to drive anywhere 102K Miles, 1980 Ford Fairmont Station Wag. 6 cyl., Air, AM-FM Stereo, 90K Miles 11 H.P. Snapper riding mower with blower & blade, Rototiller, 2-wheel trailer, 3 H.P. miniature car.

FURNITURE: Modern exec. office desk, 3 drawer filing cab., Swivel rocker, Maple table with 6 chairs, 2 childs roll top desks, Early knee hole desk, Oak jelly cupboard, Depression era kitchen table with 4 chairs.

ANTIQUES & EARLY TOOLS: Hubley toy gun, Apple Peeler, Agate bowls, Wood drying racks, Early scales, Cherry seeder, Butcher chisels, Stanley #85 & 129 planes, Army locater level, Apple stirs, Early wood boxes, Shoe lathes, Early bench vises, Cast implement seats, 12 Ga. Stevens pump (pat date 1907).

APPLIANCES & HOUSEGOODS: 21 Cu Ft upright freezer, De-humidifier, Many other useful & collectible items will be sold.

SALE FOR:
Mr. & Mrs. John Beck
Mr. & Mrs. Ed Stehr
Good Food served!

Claude F Bechtold 1928 Creek Hill Road Lancaster, PA 17601
717-397-9240

Public Auction

Antiques, Boat & Trailer, Glassware, Collectibles

Sat., Aug. 19, 9:30 a.m.

Sale located: West End, Two miles south of Broadheadsville, Pa. (Turn off Route 209 at House of Baskets onto Weir Lake Rd., proceed 1.6 miles to Blue Ridge Rd., follow auction signs). Inspection: 8 a.m. until sale. Refreshments available.

Boat: 1972 16-foot Glastron in excellent cond. w/walk-through windshield, 65 HP Johnson outboard motor & Cox trailer.

Furniture: Three-piece chip-carved golden oak bedroom set; oak highback bed; (3) oak chest of drawers; oak child's desk; pressed oak rockers & chairs; oak Edison cylinder phonograph w/outside horn; (3) Jennie Lind beds; (2) square oak tables; Eastlake settee; (4) early dropleaf tables; Mission oak rockers; (2) very early ladder-back rockers (great turnings); Victorian ladies desk; tapered leg one-drawer stand; arrowback chairs; (2) large feed boxes; cottage chest; red butter churn; (2) wash stands; gun racks; porch benches; trunks; doll cradle; three-tiered muffin stand; plus much much more.

Other: Large farm wagon; two-wheeled farm pull cart; early sled; art deco table lamp w/brass shade & jewels; Gone w/the Wind lamp (as is); gingerbread clocks; pillar clock (as is); early black powder pistol; easel; cast iron butcher kettle; old feed bins; Rye baskets; ruby glassware; Depression glassware; Carnival glass; Victorian water set; lap coffee grinder; old childrens toys; some crocks; peanut dispenser; ox yoke; trumpet; clarinet; soapstone vase; lanterns; ice tongs; draw knives; old license plates; jig saw; old Bibles & books; spinning wheel parts; some other small hand tools; old West Point hats; plus much much more.

Terms: Cash or check approved prior to sale.

Sale ordered by:
Linda Griggs

Auctioneer's note: This is an old-fashioned farm sale w/lots more to be uncovered. This is an all-day sale. Bring your lawn chairs. Come early for best parking.

Auctioneer:
Robert C. Teel
License No. AU-002409-L
Daily Inquiries: (717) 897-6558
Rt. 611, Mt. Bethel, Pa. 18343

AUCTIONEER BRYAN D. IMES

Public Auction

SATURDAY, AUGUST 26, 1989
9:00 A.M. Sharp

Located at Martin's Harness Shop, midway between New Holland and Leola just off Route 23 along Fairmount Rd. Direction signs.

Used Harness Shop Machines and Equipment, Old Antique Horse Drawn Equip., Blacksmith and Related Items, New and Used Harness, Leather Equip. and Horse Tack.

Watch For Full Listing August 19.

Sale By
Mervin Z. Martin
603 S. Fairmount Rd.
Ephrata, PA 17522

BRYAN D. IMES, AUCT.
PHONE 717-527-2449
AU-001656-L

CAMPBELL AUCTION

SATURDAY, AUGUST 19,
at 9:00 A.M.

LOCATION: At old "Stump Jumper's" grounds on Rt. 660; 1.5 Miles off Rt. 15 from Covington, PA. 6 Miles off Rt. 6 from Y Theater between Mansfield and Wellsboro.

STEAM ENGINES, BOILERS, AND RELATED EQUIPMENT

SELLING LARGE SELECTION INCLUDING: *WOODEN GEAR CLOCK,* beam drill, wheel spoke auger and spoon and spoke shaver, spinning wheel, yarn winder, cylinder record player and cylinders, copper still, sectional bookcase, Sears butter churn, toys, coal augers, kitchen clock, other clocks, etc.

EQUIPMENT INCLUDING: 1910 Frick 12 x 36 steam *TRACTION ENGINE* in good working order, complete Enterprise sawmill w/50" blade, belts, etc., powered w/1924 36 H.P. Frick steamer, AB Ireland *SHINGLE MILL* complete w/edger and shingle butcher, AP Ireland drag saw, stone burr mill, 1926 Case steam boiler good working condition, 24" planer, fruit dryer, portable 7.5x10.5 steam boiler and engine, complete *BROOM MAKING OUTFIT* w/press and cut-off trimmer; also inventory of broom material sells complete, power screw cider mill w/grinder, also another cider mill sells complete w/press, elevator, bulk tank, refrigerator, cloth, 30 gal. steam kettle butter maker powered w/5 H.P. boiler and 5 H.P. steam engine; fanning mill, 1924 Gallian 5-ton *ROAD ROLLER* w/10-20 power in working order, 1926 Case 25/45 tractor w/ cross mt. on original steel, 1962 Ford ¾ Ton 6 cylinder pickup, 19' Scotty pull-behind trailer ready to go, Ford diesel electric dynamo, barrels gear lube, buzz saw, 110 D.C. generator, anvil, one-of-a-kind *2.5 H.P. STEAM ENGINE,* ¾ " socket set, small English popcorn steam engine, 2-hole corn sheller, *2000 FORD INDUSTRIAL TRACTOR* w/ bucket loader, two John Deere-B tractors, Honda 250 4-wheeler (like new), *PHOENIX STEAM ENGINE,* hoist on casters, heavy press, good selection of lumber, log chains, chain saws, cookstove, water trough, 100 gal. SS steam kettle, 75' endless belt, *8"x45' ENDLESS BELT,* other belts, old *STEAM WHISTLE* used in Wellsboro for tires, etc.; large selection of steam fittings, governors, whistles, accessories, etc.; thresher and railroad jacks; brass kettle, 10" radial arm saw, jointer, plus *HUNDREDS OF ITEMS NOT LISTED.*

***** LARGE EQUIPMENT, TRACTORS, STEAM BOILERS AND ENGINES ARE IN GOOD WORKING *****

***** ORDER AND HAVE BEEN USED THIS SUMMER.**

OWNERS:
CARL & FLORENCE CAMPBELL
R.D. #1, Mansfield, PA
Telephone: 717-659-5218

AUCTIONEER: TOM YOUNG
(Au-10052L)
R.D. #1, Troy, PA. 16947
Telephone: 717-673-8659

*** LUNCH AVAILABLE ***
*** Not responsible for accidents ***

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

Public Auction

Sat., Aug. 19, 1989
10:00 a.m.

Located along Market St., Snydertown, Northumberland Co. 6 miles east of Sunbury and 6 miles west of Elysburg off Snydertown Rd. Direction signs off Rts. 61 and 54.

Selling McCormick Farmall Cub Tractor with one point quick hitch, good tire, excellent cond., Cub 225 side mount mower, Cub 54 A 4½ ' front mount scraper blade, Cub F 11 12" quick hitch 2 way plow, McCormick 1 pt. 4½ " harrow; McCormick front and rear mount cultivators (tractor and equip. sell as one unit); Guns; Craftsman Tools; Antiques and Home Furnishings. For full listing contact auctioneer.

Terms: Cash or Good Check Lunch
Owner, Leroy Trelinski

Bryan D. Imes, Auct.
RD 2 Box 2280 Port Royal, Pa. 17082
Phone 717-527-2449
AU-001656-L

BRYAN D. IMES

Public Auction

Saturday, August 19- 9:30 am
54 East Main Street, Tremont, Schuylkill Co., PA.
Just off Interstate 81 at Exit 33 Tremont

CONTENTS of home and bar over 100 years old; Oak Walnut, Marble Top; Misc. Furniture; Barroom Items; Glassware; Adv. Items; Lionel Train; Etc.

Sale Consists Of: 3 pc Walnut marble top Bedroom suite - good condition; Victorian marble top table; Victorian wall mirror; 4 Victorian chairs; 3 pc Oak Buttermold Bedroom suite; Oak 2 pc. Kitchen cupboard w/glass doors; Set of T-back chairs w/claw feet; Oak Sideboard base w/claw feet; Sq. oak extension table w/3 boards; Soft wood low dry sink w/ drawer; Jelly cupboard; dove-tailed chest dated 1856; Asst. of wicker; rocker - chairs; Pressed back spindle rocker; 2 drawer wash stand; lot of furniture not listed. ***BARROOM ITEMS:*** '67 Horlacher Brewing Co., Calendars; Coasters; Mount Carbon Brewery; Kaier's, Schmidts; Bartel; Piels; Miniature Piels Beer Bottle Salt & Pepper; Ash Trays; Openers; Pie 1940 Upright Bally Ball Machine and Punchboards; Original Walnut L Bar w/round corner- decorated-back bar w/ mirrors; Original copper ice cooler w/taps; good condition; oak barroom chairs; porcelain spittoons; tin coasters - Yuengling-Scheidt Brewers; Beer knobs; Kaier's Beek clock; Coasters; glasses; old licenses - liquor from 1887; dealer tobacco license from 1887; Malt liquor stamp from 1934 to 51; Old advertising cans; Post card album; hanging lite w/painted shade; Agate items; funnels; sm, tea strainer; berry bucket; Crochet doilies; linens; Kerosene lamps. ***Glassware:*** Amythst, Occupied Japan; Flow Blue; Gone w/The Wind Light Base; complete set of Fiestaware in original box, depression, Hull, etc.; Cedar Chest; Lionel train in original box; This is a partial listing of items to be sold.

Schultz Auction Service
Rte. 209, Zerbe, Newtown
Exit 34 off I-81
695-3222

Francis (Pete) Schultz
Auctioneer- AU-813-L
RH-6-L
Thomas Maidenford
Auctioneer AU-1914-L

Terms: Cash day of sale- No Out of state checks; Personal checks only if OK by auctioneer.
Auctioneers note- mostly antique & collectible only about 5% household items.
If you wish a complete listing call 717-695-3222.

SAT. SEPT. 2 - 10AM, Estate Auction-64 Acres, located Mahantongo Valley, Schuylkill Co., PA, 3 mi. SW of Pitman, 4 mi. N. of Hegins, 1 mi. W. off Rt. 125, take first road W. on the Northside of Mahantongo Mountain, Estate of Ida Maurer, Mike and George Deibert, Aucts.

SAT. SEPT. 2 - 12:30PM, Real Estate, located RD 1 Unityville, PA, Lycoming Co., Estate of Jesse Elroy Karns, Derr and Kapps, Auct.

MON. SEPT. 4 - 8:30AM, Farm Equip , Antiques, HH Goods, located Rt. 194 Midway between East Berlin and Dillsburg, turn west on Ridge Rd., go to Bermudian Rd. and turn right, first farm on left, Mr. and Mrs Sherman Grove, owners, Blaine and Nevin Rentzel, Aucts.

MON. SEPT. 4 - 9AM, Antiques, Collectibles, Coins, located app. 40 mi north of Harrisburg, PA, between Millersburg & Dalmatia, 1½ mi. east of Rt. 147, along Mountain Rd., Esther and Mark Shaffner, owners, Lee Dockey, Auct.

THURS. SEPT. 7 - 2PM, Farm Equip., Tools, Antiques, HH Goods, located at 1290 Steinmetz Rd., West Cocalico Twp., Lanc. Co., PA, Grace Kurtz Estate, T. Glenn Horst and Sons, Aucts.

FRI. SEPT. 8 - 1 30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc Exit 12 Off I-81, Phone 717-249-4511.

FRI. EVENING SEPT 8 Dairy Cattle Auction, Kling's Sale Barn, Landisburg, PA, Kling's Auctions Inc , Sale Managers

FRI SEPT. 8 - 7PM Horse Sale at New Holland Sales Stables Inc , New Holland, PA

SAT SEPT 9 - 8AM Sharp! Fine Antiques, Household, Farm Equip , Tools, Etc , located take Rt 34 to Square of Biglerville, then turn west onto Rt 234 at Brysonia Rd , thence North 1½ mi to Brysona School Road turning west ½ mi to sale in Admas County, PA, Glenn W Hartman, owner, Clari R. Slaybaugh, Auct

SAT SEPT. 9 - 9AM, Farm Equip , Butcher Shop Equip , Tools, Shop Equip , Farm related items, Furniture, Car, go 12 mi north of Lebanon on Rt 72 to the Village of Lickdale, continue one mi north of Lickdale and turn right onto Bohns Monroe Valley Dr., first farm on right past Monroe Valley Golf Course Club House, J M Adams, owner, Ebersole & Shoop Auctioneers

SAT. SEPT 9 - 9AM, Real Estate, Farm Equip., Antiques, HH Goods, 1135 Beave Valley Pike, Lancaster, WEst Lampeter Twp , PA, Earl & Irene Groff, owners, Miller & Siegrist, Aucts.

SAT. SEPT 9 - 10AM, Complete Farm Machinery Dispersal, located on Blue Rock Rd., just off Rt 999, between Millersville & Washington Boro, Charles K. Nissley, owner, Wolgemuth Auction Service.

SAT. SEPT. 9 - 1PM, Estate Auction-39+ Acres, in the Borough of Gratz, Dauphin Co., PA from Rt. 25, turn South unto Dauphin St also known as Pump House Rd , Lykens Valley Farm, Estate of Lottie C Hepler, Mike and George Deibert, Aucts

MON SEPT. 11 - 9AM Lebanon Valley Auct Co Inc Annual Fall Consignment Auction Farm Tractors, Eq & Related Items Located Lebanon Area Fairgrounds 717-866-2135

TUES SEPT 12 - 10AM, Chardonnay Prefix Herd of 251 Holsteins and Machinery, at Dundee, NY, Pete Smith, owner, Pirrung Auctioneers.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. SEPT. 15 - Complete Milking Herd & Bred Heifer Dispersal, at RD, Newville, Cumberland Co., PA, Le-Ida Farms, Leroy & Ida Showaker, owners, Kling's Auctions, Inc., Sale Mgrs.

FRI. SEPT. 15 - 9AM Equipment Sale at New Holland Sales Stables Inc., New Holland, PA.

FRI SEPT. 15 - 10AM, 125 Rogistered Holsteins, Bishcroft Dispersal, Fountainville, PA located between Doylestown and Dublin on Rt. 313, Bucks Co., PA, Herman M. Bishop, owner, Horning Farm Agency, Inc.

FRI. SEPT. 15 - 12Noon, Farm Buildings, located on Rt. 313 Dublin, PA, H & L Development Co., Horning Farm Agency, Inc.

FRI SEPT. 15 - 5:30PM, 2 Tracts of Real Estate and personal property, located in the Borough of New Holland at 149 N. Hoover Ave., turn off Rt. 23 at NH Ford on N Hoover Ave., Lanc. Co., PA, Victor F. and Edith M. Weaver, owners, Robert and Jeffrey Martin, Aucts.

SAT SEPT. 16 13 Acre farmette, farm equip., tools, antiques and household goods. Along Frysville Rd. 2 mi. northwest of Martindale, Reuben B. and Edna W. Martin, owners, Nevin Martin, Andrew Martin, Paul Horst, Aucts.

SAT SEPT. 16 - Along Frysville Road, approx. 2 mis. NW of Martindale. 13 Acre Farmette, Farm Eq., Antiques. Owner, Reuben B. & Edna W. Martin. Nevin & Andrew Martin, Aucts.

SAT. SEPT. 16 - 9AM, Real Estate, Antiques, Collectibles, HH Items, Tractor, Farm Mach., Tools, etc., located appr. 3 mi. east of Millersburg, PA, along Rt. 209, George M. Kerstetter, owner, Lee D. Dockey, Auct.

SAT. SEPT. 16 - 9AM, 2 Tracts Real Estate, Antiques, HH Goods, Car, Baseball Cards, Coins, located at 46 Lincoln Ave., Reinholds, Lanc. Co., PA, Ambrose M. Petery Estate, T. Glenn Horst and Sons, Aucts.

SAT. SEPT. 16 - 9:30AM Real Estate, Grandfather's Clock, Furniture, etc., located #512 Prospect Ave., West Grove Borough, Chester Co., PA, Estate of Lloyd S. Jackson, Whiteside Auction Service.

MON. SEPT. 18 - 5PM, 10 Acre Horse Farm, located 5 Old Jonestown Rd., Lebanon, PA, Swatara Twp., Lebanon Co., Leslie J. Klein and Mae F. Klein, owners, Ebersole & Shoop, Aucts.

FRI. SEPT. 22 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

SAT. SEPT. 23 Modern Farm Mach., located New Berlin, PA, Samuel U. Beiler, owner, Bryan D. Imes, Auct.

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, TOOLS

TERRE HILL

TUES., AUGUST 15, 1989

AT 4 P.M. — TOOLS 6 P.M.

Located at 412 Maple St., Terre Hill, Lanc. Co., PA.

FURNITURE

6-Leg Cherry Table; 2 Dry Sinks; Jelly Cupboard; Blanket Chest; Walnut Parlor Table; Cottage Bureau; Arrow-back Chairs; La-Z-Boy Recliner; G.E. Refrigerator; Maytag Automatic Washer & Gas Dryer; Screened Pie Safe; File Cabinet; Pictures & Frames; Brass Bucket; Iron Kettles; Iron Pump Trough; Wooden Advertising Boxes; Bracket Light; Punched Tin Lamp; Baskets; Violin; Sad, Flat & Taylor Irons.

CHINA & GLASSWARE

Pressed & Pattern Glass; Horse Shoe Tumblers; Fenton Glass; Andalusia; Bavaria; Flow Blue Plates; Depression Glass; Austrian; Roseville Vase; Blue Glassware; Earthen Pie Plates; Cookie Jars; Crocks; Iron Fry Pans; Agate.

LINENS: Antique Quilts; Comforts; Counterpanes; Post Cards.

TOOLS: 10' Dewalt Saw; Jointer; Drill Press; Band Saw; Wrenches; Slating Tools; Ax; Belt Sander; Sanders & Polishers; Sabre Saw; Drills; Router; Electric Plane; Craftsman Router; Hatchets; Mitre Box; Bench Grinder; Hand Saws; Bar & "C" Clamps; Hand Tools; Wood Extension Ladders; Step Ladder; Lawn Boy Mower, Snow Blower; Wheelbarrow; Binoculars; Lantern.

TERMS BY:

HERMAN & TINA KOHL

HORST AUCTS.
T. Glenn
Timothy G.
Thomas A.
AU438L
717-859-1331 - 717-738-1245
"VOICES OF EXPERIENCE"

SHORT NOTICE AUCTION

Complete Dairy Dispersal

FRIDAY, AUGUST 18, 1989 10:00 A.M. SHARP

Located three miles S. of Somerset, Pa. off Rte. 281 S. Turn at Weimer's Crossroads. Watch for arrows.

Herd consists of 120 high grade Holstein cows and springing heifers. Official DHIA RHA 16,040 milk, 612 fat, with a 3.8 test. Herd is averaging 54.7 lbs. per cow. Currently 25 cows are milking 60-100 lbs. per day. 23 cows freshened in the last 60 days, 30 due from sale day until fall. This is a young herd with a lot of size and a well uddered group of animals with 84 being 2, 3 and 4 year olds. Service sires include 2 herd bulls from Latuch Brothers, a Chairman son whose dam had 6 records of over 25,000M and 1,000F with a 4% test. Also, a Mark son at 2-4, 365 days, 25,202M and 900F. Cows TB and Bangs tested and pregnancy checked by a vet.

A few examples of cows being sold--

No.	Age	M	F	Days	Actual
3	2-18-85	20,932	734	322	act.
99	4-20-83	23,352	1133	305	"
33	3-17-85	21,400	662	305	"
31	9-10-83	21,308	844	311	"
39	1- 4-84	20,464	788	287	"
30	6- 1-84	23,550	666	322	"
42	1- 5-85	23,421	878	337	"
54	10- 1-82	24,136	971	358	"
45	1- 9-86	18,937	799	321	"
80	12- 8 85	19,021	834	310	"

Auctioneer's note: Due to discontinuing farming operations, cattle will sell Aug. 18 and machinery sale will follow on Sept. 2. Farms will be for sale at private treaty. If you need milk, this is a sale you won't want to miss. Herd is housed in free stalls and milked in a parlor.

Terms: Cash or check **Lunch available**

Owners:
MR. & MRS. JONAS SCHEFFEL
R.D.#1 Somerset, Pa.
814-445-7769

Auctioneers:
LUCE & SVONAVEC
AU001976-L
814-926-2570

FARM EQUIPMENT SALE

SEPTEMBER 2, 1989

Including 6 JD tractors, 3 trucks, Gleaner combine, self-propelled haybine and a prime line of big farm equipment. Watch for further advertisement.

PUBLIC SALE

FRIDAY, AUG. 25, 1989

at 3:00 p.m.

SATURDAY, AUG. 26, 1989

at 9:00 a.m.

Located approximately 30 miles east of State College, Centre County, Pa. on route 45 or 25 miles west of Lewisburg on Route 45. At Millheim follow signs to Pine Creek Road then turn on Old Mountain Road, follow signs to sale site.

ANTIQUE FURNITURE & COLLECTIBLES

2 Snyder County Bakers box; Doved schoolmasters desk; Walnut drop leaf table with boards; 6 Empire chests; Walnut cabinet with draws; Set of 6 Oak chairs; Treadle sewing machines; Washstands; Several wooden sleds; School seats; Oak dresser with mirror; Quilt frame; Dough box; Several trunks; Mortised benches; High chair with rush seat; Bucket bench; Spinning wheel; Harness makers wise; Wooden butter churn; 5 pressed back chairs with rabbit ears; Lapered leg table; 2 Night stands with doved drawer; Plank seat rockers & chairs; Set of 4 Oak chairs; Victorian bed; Gate leg drop leaf table; Feed box; Wall racks; Violin; Draftsmens table; Misc. chairs, Small doved box; buggy seat; Wagon with wooden wheels & sleigh runners; Many picture frames; 5 leg table; Oak drop leaf table; stools; Butcher bench; Butcher & Apple butter stirrers; Wooden wagon box; Traps; Milk cans & bottles; Lead glass window; Brass P.R.R. lock with key; Walking stick; Cutting boards; Old locks; Tin ware; Corn sheller; Egg baskets; Wheeling kerosene light & heater; Wagon & buggy wheels; Hand wagon wheels; Brass & glass drawer pulls; Hinges; Records; Tin & paper advertising; Assortments of glassware & dishes; Kerosene lights & parts; Powder horns & flasks; Sleigh bells; 1 Gal white Eby jug with damage; Sugar Valley crock; Trim & Molding; Furniture patterns; Repair parts, Many items too numerous to mention.

TOOLS

4 Homelite chain saws; 6" bench grinder; Electric drills; Sabre saw; Dremel tool; Propane torch; Vise; Vibrator sander; C & Corner clamps; Hand & Hack saws; Cordless screw drivers; Glue gun; files; vise grips; Nails; Screws; Rivets; Planes; Hammers; Drill bits; Cut nails; Catches; Latchs; Squares; Hydraulic jack; Belt sanders; Pipe wrenches; Nail pullers; Paint brushes; Scrapers; Drawing knives; Punchs; Chisels; Glass Cutter; Axes; Wood wedges; Heavy duty extension cords; Tin snips; Wrecking bars; Crescent wrenches; tow Chains; Aluminum extension ladder; Wheelbarrow, Tree pruners; Apple picker; Large assortment of garden tools; 1 row planter; Shop Vac; Many other items too numerous to mention.

LUMBER
ELECTRIC GOLF CART WITH CHARGER

3 GASOLINE POWERED GOLF CARTS
TRACTORS & LAWN MOWERS

Farmall, Red Cub with sickle bar mower WF; Farmall A with snow plow WF; 2 Wheel trailer; Wheel Horse 16 H.P. riding tractor with mower; Wheel Horse 417A twin cylinder, auto shift; 17 H.P. Kohler Engine; Gasoline powered weed eater; 2 push lawn mowers; grass catchers; 25 gal. fuel tank with pump.

FARM

To be sold at noon Saturday, August 26 secluded farm located in Haines Twp.; Centre County, Pa. Approximately 148 acres; 60 acre mountain land with excellent hunting also trout pond. 2 story house and large bank barn both of log construction. Well maintained.

To see real estate prior to sale call for appointment 814-349-8633 or 814-349-5904.

We reserve the right to accept or reject any or all bids.

Terms of real estate: 10% down and balance on delivery of deed.

Order of Sale: Friday- Tools, Lumber, Tractors, Lawn Mowers, Golf Carts.
Saturday- Antique furniture, Collectibles.
Preview:
Friday 11:00 a.m.-2:00 p.m. only
Saturday 8:00 a.m.-9:00 a.m.

Owner:
Mrs. Helen Class
814-349-5904

Pa Licensed & Bonded Auctioneers:
Leon J. Smith AU868L
James T. Smith AU2460L
Millheim, Pa. 16354
Phone: 814-349-8633

Auctioneers Note: Due to the recent death of James C. Class his widow is selling this collection of antiques & tools. The Class' were well know dealers & collectors for the past 40 years.

Lunch Available
No out of state checks
I.D. required to register
Owners & Auctioneers not responsible for accidents on premises.

INVESTORS DREAM

Central Pennsylvania
7 Points Raystown Lake
MULTI USE
LAND AUCTION
AUGUST 19, 1989
108 ACRES PLUS
LOG HOUSE
Call 814-643-1617
or 643-2480
Reserve right to reject bids.

TRACTORS - HAY EQUIPMENT CATTLE EQUIPMENT

AUCTION SALE

Langdon Farms, internationally known Semital Farm has sold their herd and some of the real estate and will sell the following farm equipment at Public Auction on

THURSDAY, AUGUST 17, 1989

AT 11:00 A.M.

Langdon Farms, Rt. 33 near Sherwood, Maryland
Maryland Eastern Shore - Near Easton
Directions: Take Rt. 50 to Easton, Rt. 322 (Easton By-Pass). Take Rt. 33 through St. Michaels. Go approx. 14 miles. Sale is on the left.

Tractors: Ford 9700 w/cab air, 1187 hrs., dual power, dual remotes
Massey Ferguson 290 w/only 1542 hrs., 16.9x28 tires, roll bar, power adjust wheels, multi power, dual remotes, exc. condition
Ford 7700 w/cab air, 3888 hrs., dual power, 18.4x34 tires, power adjust wheels, tractor has triple remotes
Ford 3600 w/2388 hrs., 8 speed, single remotes, diesel

Equipment: New Holland 495 mower condition, excellent condition, late model, S/N 593198; Massey Ferguson 721 manure spreader, very good; New Holland 679 manure spreader, exc. condition; New Holland 676 manure spreader, exc. condition; Hesston stack hand 60A; Hesston stack mover 60A, exc. condition, tandem axle; John Deere 4-wheel wagon; Danuser post hole digger; Brillion Shur-S seeder 12' used very little; Woods 15' bat-wing rotary cutter 15'; Woods bat-wing rotary cutter 18'; New Holland 273 hay baler S/N 72889; 2 New Holland 256 roll bar hay rakes; Work Saver stack mover; 4-wheel wagon; Utility tool feed wagon 6'x5'5"; 1983 Ford Ranger P/U, 4 wheel drive, auto, air, 72,000 miles, needs engine; 1979 International Scout 4-wheel drive, AU, air; 1975 Jeep 4-wheel drive, blown engine; Old Dodge 400 w/14' dump body; Ford post hole digger; Homemade post driver; 8' ARPS scrape, v. good; 13.6x28 M&W duals; Set GE Custom MVP radios; 35' of 18" conveyor on transport; Ford 951 rotary cutter; International 40 blade; transport disc; Ferguson 11' 2 bar chisel plow.

Cattle Equipment: Portable cattle scales; catching chute w/retractable wheels; portable loading chute, adj. height; Silver King cattle chutes; catching chute w/side squeeze and palpation gates; liquid sperm tanks; 3 operating tables; 2 hip swingers; 8, 10 and 12' feed troughs; 3 round hay racks; lg. qty. of brand new hay racks, never put together; several catching gates; early freeze branding irons; ear tags; halters; split stall doors; solid fancy stall doors; portable loading chute, adj. height; Louger hog pens; individual waterers.

Shop Equipment: Small generator; hinges; David White level, damaged; Onan power express generator; chain saws; Dewalt 7756 table saw; Duracraft drill press on stand; cutting torch; 2-ton floor jack; Campbell 2 HP compressor; desk; 15 - 4x10 wooden gates; refrigerators; fire extinguishers; some small power tools; Ford bed liner; lawn chairs; lots of other goodies.

Terms: Cash or good check on day of sale.

Inspection: Tuesday, August 15 & Wednesday, August 16 (10:00 a..m- 4 p.m.) and day of sale. Hauling will be available.

Langdon Farms Partnerships, Inc.

PETE RICHARDSON AUCTION SALES
P.O. Box 51, Willards, MD 21874
Office - 301/546-2425 Home - 301/742-6220

PUBLIC SALE

OF
VARIETY OF SHOP & HAND TOOLS
PLUMBING SUPPLIES
HARDWARE

THUR., AUGUST 17, 1989
AT 10:00 A.M.
Loc. 44 West Liberty Street, Lancaster, PA

Food served.

Sale by
ADAM H. BURKET ESTATE
David G. Homsher, Attorney
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC SALE

OF REAL ESTATE, DWELLING W/APARTMENT, ANTIQUES, TOYS, TRAINS, HOUSEHOLD GOODS
WED., AUG. 16. 1989
AT 3 P.M.
REAL ESTATE AT 7 P.M.-
TOYS AT 6 P.M.
Located at 230 South Reading Road (Rt. 272), Ephrata, Lanc.Co., PA.
DWELLING W/APARTMENT
Attached GARAGE (Automatic Opener)

APARTMENT
Dwelling & apartment are in excellent condition! Desirable location! Call 733-3034 or 738-2528.

Antiques & Household Goods
George Breneisen (Adamstown) Tall Cased Grandfather's Clock- Cherry Case- 8 Day; Victorian Love Seat & 3 Side Chairs; Blanket Chest; Walnut Tilt-top Table; LEHN SEWING CHEST; LEHN EGG CUP; SPINNING WHEEL & CORD WINDER; Shelf Clock; Parlor Table; Printer's Type Tray; Oak Desk; King Size Box Spring & Mattress; Lounge Chairs; Princess Desk; Modern Corner Cupboard; Cedar Chest; Oak Table; Chest-of-Drawers; Child's Rocker; Bamboo Furniture; Marble Top Table; Child's Pressed Back Rocker; Gone w/Wind Light; Mantel Clock; N. Currier Prints; "Godey's" Prints; Oak Sewing Machine; School Desk; Pot Bellied Stove.

CHINA & GLASSWARE
Stick Spatter Plate; "Carrara" China; "Medina" China; Apple Blossom "Corinthia" China; "Vintage" China; "Cassino Adams" China — Teapot, Coffee Pot, Milk Pitcher, "Marino China"; Tyrol "Aladdin" China; "Anglican" China; "Genoa" China "Lombardy" China; Historical Blue; Pressed & Pattern Glass; 2 Sets Yellow Soft Paste Cups & Saucers (canary); Early Adams; Stiegel Type Enameled Bottle; M.B. Hacker Store Plate; 1908 Calendar Plate & Tin Match Box; Opalescent Glass; Pitcher & Bowls; Demijohns; Agate & Tin Dippers; Butcher Ladles & Strainers; Ironstone; Shaving Mugs; Large Figurines; Slaw Board; Cast Iron Tea Kettle; Hand Bell; Redware Kerosene Lights; 20 "CoBoy" Goebel China Figurines; Jim Beam & Michter Bottles; Baseball Cards; Linens - Quilts — Peter Leisey (Cocalico Township); Coverlet; Antique Book; Political Pins; Studebaker Items; Advertising Items; Pocket Knives; Shirley Temple Mirror.

TOYS— Nylint Crane, Shovel, Car Carrier, Dump Truck; Antique Coke Truck; Farm Tractor; Tonka Steam Roller; Fire Engine; Cap Pistols; Hubley Tow Truck; Cars; Tin Trolley Car; Airplane; Garage & Equipment; Tank; Sea Plane; Walking Popeye; Mickey Mouse Car; Tin Train; Cast Iron Fire Engine & Motorcycle; Race Car; Train Engine; Rubber Cars & Trucks; Tootsie Toys; Train Yard; Houses.

TRAINS: Lionel Engine 1688 E. - Tender & Freight Set; Lionel #1065 E - Jr. Streamline Outfit; Lionel Cross Country Express; Switches, Track, Tower, Gates.

TOOLS: Mower; Wheelbarrow.

HORST
T. Glenn
Timothy G.
Thomas A.

Terms By:
ROBERT E. MUSSER
M. CHARLENE MUSSER

AUCTS.
AU438L
717-859-1331 — 717-738-1245
"VOICES OF EXPERIENCE"
No Out-Of-State Checks Unless Accompanied By Current Bank Letter.

PUBLIC AUCTION

OF VALUABLE 10 ACRE TRACT OF LAND ZONED RURAL

SAT., AUG. 19, 1989
At 2:00 P.M.

Located East of Lancaster, South of Rt. 30, midway between 896 & Strasburg Rd. 375' along Leaman Rd. M/L East Lampeter Twp. Lanc. Co., Pa. High tensile fence around property.

10% down day of sale, balance on or before Oct. 2, 1989 for more information call 656-7770 or 393-1567.

Terms by:
Mary K. Fritz
J. Harold Fritz execs. for
JOHN I. FRITZ ESTATE
Wentz, Weaver & Kling
R. Douglas Good atty.
Auct. Robert E & Jeffrey R. Martin
656-7700 AU000580-L

PUBLIC AUCTION

GARAGE TOOLS, EQUIPMENT, HOUSEHOLD GOODS - SOME ANTIQUES

After many years in the trucking business, the undersigned having sold his garage must vacate the premises of all stock, equipment & supplies, located 3565 Harney Road, approximately 1 mile N/W of Taneytown, Carroll County, MD.

SATURDAY, AUG. 19, 1989
AT 9:00 A.M.

Quincy 3 HP air compressor w/twin cycles used very little, Marquete 180 amp. farm welder, welding supplies & equipment, acetylene tanks w/cart, hoses, gauges, extra heads, 50' of H.D. 220 amp. electric welding cable, Forney arc torch, Lincole air grease gun & drum, Christie 6 & 12 volt battery charger, Champion spark plug tester, 55 gal. oil drum w/pump, electric gas & diesel pumps both w/nozzles hoses, 280 gal. gas tank, Jucuzze 3 HP electric irrigation pump w/Century motor, 200' of galv. pipe & sprinkle heads, M.P. Flomax pump w/3 HP Briggs & Stratton engine & 50' of discharge hose & suction hose, Myers jet pump, Myers piston type pump w/tank, electric gasoline pump w/meter, Hydraulic bumper jack, ½ HP Ball Bearing grinder w/stand, large anvil signed & dated, 10 log chains various sizes & lengths, new car & pickup truck chains, B & D 8" H.D. skill saw, Craftsman 10" table saw, many saw blades, set of new shaping heads, new Dayton motor control switch box, Century 75,000 BTU heater, Mohawk Pneumatic air chisel, soldering irons, 2 electric portable intercoms, 40' ladder, 2 work benches, vise, switch boxes, 4 20' trailer belts w/tightners, chain binders, log hooks, 4 sets of brick tongs, 750-16 8 ply. case industrial tire w/rim, M.F. 2500 front wheel hub, 12,000 BTU air conditioner, 10 ton Simples jack, 2 tool cabinets, tools, irons, tire & wheel equipment, 22" & 20" rims, 40' flag pole, large roll of 1¼ plastic pipe, trailer H column, all kinds of iron, several milk crates, old & new warning flares, electric outside horn, C clamps, 7 extension cords, early set of bar scales, brass torch, antique forged compass 27" in height, 2 large boxes of automotive manuals, 1962 - 1978 I.C.C. books w/rates & distance logs, electric & gas ranges, several nice oil space heaters, lot of misc. items such as doors, windows, lot used lumber, **corn crib** 12' high x 5½ x23' long, **TO-20 Ferguson Tractor** - motor runs rough, Ferguson 2 bottom 3 pt. plows, 3 pt. angle blade, frontend bucket for industrial loader, 3 pt. Ferguson stone rake, 8' single roller, plow to fit 3 pt. Bolens tractor. Many items not listed. Inspection Thursday & Friday, August 17 & 18th.

Owner:
Francies E. Reaver
756-2347

Lunch at Sale
Terms- Cash
Calvin L. Amoss- Auctioneer
756-6784

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. SEPT. 23 - 9AM, Garage Equip. and Tow Truck, located follow West Market St , York, PA and turn south onto West Street htne East onto Mason Ave., Krebs Service Center, Eugene Krebs, owner, Blaine and Nevin Rentzel, Aucts

SAT. SEPT. 23 - 10AM Fall Heifer Sale at New Holland Sales Stables Inc., New Holland, PA.

SAT. SEPT 23 - 10AM Rain or Shine, Antiques Gas Engines and Shop Tools, located Rt. 1, South of Cambridge on Rt. 50, Mrs John E. Adkins, owner, Col. Ross Rhodes, Auct

SAT SEPT. 23 - 11AM, 71 Acre farm located along Spring Grove Rd , East Earl Twp , Lanc Co from Rt 23 in Goodville follow Spring Grove Rd approx 3 mi , John M Huber Estate, Horning Farm Agency, Inc.

PUBLIC SALE

8 TRACTORS — 9 WAGONS

SATURDAY, AUGUST 19
8:30 A.M.

Discontinuing farming John and Margaret Parrish and John Jr. and Gail Parrish will sell Farm machinery, shop tools, Dairy equip. and Boat, Located 1 mile West of New Freedom, Pa. York Co. along Rt. 851, from Rt. I-83 Exit #1 take Rt 851 west to farm.

FARM MACHINERY

Farmall #560 diesel 2Pt. Turbacharger w/NEF, 3 Farmall M tractors, 3 Farmall H tractors, IH #540 semi mounted 2Pt. 4-16" bottom trip back plow, J.D. #620 pull type 3-16" trip back plow, 2-J.D. #125 chuck wagons, 2-8' + 14' dump wagons w/grain and bale racks on J.D #1065A gears, 2-8' + 16' bale wagons on J.D. #1065 gears, Pequea 8' + 14' dump wagon w/grain sides on #806 gear, David Bradley wagon w/low metal sides, J.D #1209 haybine, J.D. #224T baler w/#30 ejector, J.D. #300 elevator 40 ft. w/motor bale hopper and telescoping spouts, McCurdy drag elevator w/motor, cardinal 20Ft. aluminum grain elevator on wheels, NH #162-17' hay tedder, J.D. #567 - 7wheel rake, IH semi mounted 7 ft. sickle mower, woods #80 rotary mower 5 ft. pull type, IH 2PR - 2 row pull type corn picker, IH #56-4 row corn planter, century 200 gal. pull type field sprayer, J.D. #35 forage harvestor w/single row head and recutter screen will handle 2 row head, IH #56 blower w/HDPTO, snow bucket and V blade to fit #2000 loader, IH #33 front end loader snow bucket and V blade to fit loader, Myers 7 ft. snow plow, New idea #212 pto single beater manure spreader w/slurry pan, New idea #214 pto. 3 beater manure spreader, IH 7-12 fertilizer distributor, IH 12 ft. transport disc, IH 28 disc harrow, IH 3 section 12 ft. hyd spring tooth harrow, IH 4 section spring tooth lever harrow, bearcat 12 ft. single cultipacker, brillion 8 and 10 ft single cultipacker, J.D.FBB 17 disc grain drill w/grass attachment, Danuser 20r3 pt. post hole digger, danuser post hole digger for H orM farmall, IH 2 row cult. w/rotary weeder attachment forH or M, 2 pt. utility platform, Hardi lawn and garden trailer sprayer w/3hp/briggs motor 14 ft. booms and 53 gal. tank, #1250 cub cadet hydrostatic riding tractor w/mower, #127 cub cadet riding tractor w/mower, #8122 Gravely 12 hp. riding tractor w/mower, lawn roller, lime spreader, snow blower, bale buster, 2 bottom pull type plow, industrial pull type rubber tire road roller compactor, tractor chains, wheel weights, homelite #150, Wright C-70 and Stihl 020 chain saws,

SHOP TOOLS — MISC. FARM ITEMS

Craftsman 300-amp-pac welder model 113.1931, acetylene torch and cart, metal horizontal cutting band saw, floor model heavy duty drill press 17"-16 speed 3/4" drill, brunner 3hp. 80 gal model H7533 air compressor, 3 hp. portable air compressor, DeWalt radial arm saw, blacksmith forge, anvil, foot vise, welding table, ring former, craftsman 2½ gal paint tank, air mix paint spray gun, air wrench, air chisel, bead breaker, 15/36 to 13/16 Sears critchley reamer pilots, taps, dies, elec. dish sander, ¼ -½ -¾ " elec. drills, drill press vise, drill stand, elec. hand saw, ½ -¾ " socket sets, 12 gal. craftsman wet or dry shop vac, elec. wet stone, bench grinder, torque wrench, hand pipe threader, pipe wrench, miter box, elec. engraver, come a long, elec. motors, battery charger, hyd. jack, floor jack, screw jack, chain hoists, hay robe, block and fall, grab hay fork, transit w/tripot, lawn sweeper, manure hook; wheelbarrow, J.D. #140 pressure washer, Daytona pressure, elec. weed eater and hedge trimmer, hance grain cleaner, cement mixer, wooden ext ladder, oak lumber, endless belt, 2 wheel rubber tire farm trailer, J.D. hitch for condationneer, IH hyd. cyclinders, portable flat bottom fuel tank, J.D. 14 and 15" spare wheels, ground scoop, tractor windbreaker, measuring wheel, grain sides for 14' and 16' wagons, bale cart, cast water trough, cattle rack for pickup, 2 2'+ 10' oak feed troughs, cattle gates, claw foot bath tub, locust and steel fence posts, wire, 3 tel. poles, barn ventalion fan, Patz 98-B -16-20 Ft silo unloader wench and cable, Patz barn cleaner RH-17" flites,

BOAT — STATION WAGON — TRUCK

1981 Grady white Fisherman 20.4 ft. boat w/Johnson 140 hp motor, center console, loran C and radio and long galv. trailer w/power winch in good cond., boat is subject to sale prior to sale date, and offered with reserved bid, 1984 Mercury station wagon 74,000 miles, 1975 Chevy ¾ ton pickup truck automatic 454 engine about 61,000 miles, 1979 Peuqeat moped 1200 miles, slide in camper for 8 ft. bed complete inside, 8 ft. truck topper, also several good ocean and stream fishing rods and reels, camping items,

BUILDINGS — DAIRY and BUTCHERING TOOLS

45 ft. + 75 ft. barn with 30 ft. extended shed barn has Jamesway windows, cow stantions drinking cups also milk house and block walls, 16 ft. + 80 ft. rib stone silo, 1000 bu wire corn crib, to be removed from farm by Dec. 1, '89, elec. biro band meat saw, elec. cut down meat saw, elec. meat slicer, sausage stuffer, meat grinder, butcher kettle, hog hangers, hand meat saw, 550 gal. majonnier milk tank, 5 hp. copleametic compressor, 1" glass pipeline, delvotest fordetection of antibiotic milk, esco PW elec. transfer system, kesco vacuum transfer system complete w/large jar, surge SP-22 vacuum pump, stainless steel strainer, buckets, double was tubs, elec. water heater, elec. and kerosene heater drain table, klenzade 1000 portable tank washer, surge vacuum pail milkers, antique surge service manual, cattle clippers, milk cans, can cart, feed carts, barn fogger, emasculatome pincer, gutter grates, hip hoist, large and small cattle dehorner, rachet calf pull, anti kickers,

John and Margaret Parrish
John Jr. and Gail Parrish - owners
New Freedom, R.D.#1 Pa.

This farm machinery was kept indoors and is ready to go to work in the fields, Mr. Parrish taken ill before using some of his shop tools some are like new.

Also selling same date and place for adjoining farmer Paul J. Soloman who is discontinuing farming

FARM MACHINERY — STATION WAGON

J.D. #1520 tractor gas w/wide front end, New Holland #271 baler, #479 New Holland 9 ft. hay bine, J.D. #50 7 ft. side mount mower, Kuhn 3pt. pto hay rake, Kuhn 17 ft. tedder, J.D flat bed wagon w/grain sides, Gravely #5465 industrial mower 40" cut w/10 hp. engine and 170 hrs, 1987 Ford Escort GL wagon 5 speed, 1 owner, Woods RB7-7 3pt scraper blade, 2 wheel heavy duty farm trailer, J.D. 2 bottom pull type plow, hushee portable air compressor, 1000 gal. fuel tank, 1 tooth sub soiler, Ford 3 pt. lift boom, wet and dry shop vac, 14-9-28 tractor, chains, 40 ft. aluminum ext. ladder, RY-15 Hardi hand sprayer, 22" C-51 Homelite chain saw, platform scales, tractor jack stand, and misc. farm items.

Not responsible for any accidents; Refreshment by Rose Fire Co Ladies Auxiliary, Terms cash or approved checks.

Charles L. Wehrly and Son Auct.
235-4146 Lic.# AU985L
Wehrly's Clerks

Paul J. Soloman
R.D.#1 Box 29
New Freedom Pa.

Order of sale small items and tools, Boat and station wagon about 1:00 p.m. Farm machinery.

ESTATE AUCTION

MERRITT VARGASON-
BRIGGS HILL ROAD,
NICHOLS, N.Y.
we have been commissioned to sell on:

SATURDAY, AUG. 19th

@ 10:00 A.M.

At the farm on Briggs Hill Road- Nichols, N.Y. from Lounsberry approximately 2 miles - use Exit 63 off Rt. 17 Expressway turn south to Hunts Creek Road to Briggs Hill- Watch for Arrows.

SAWMILL: Belsaw mill- 44" blade - insert tooth - 3 head block - 12' carriage - portable.

SHOP TOOLS: Belsaw planer; quantity of lumber; fire wood; Drill Press; Craftsman 10" radial arm saw; table saw 10"; Craftsman 4" jointer; Craftsman Band Saw; belt sander; Craftsman Lathe (wood); shaper; bench grinder; band sander; Sears 3000W generator; Linc 225A welder; air compressor; chain saws; Homelite 330, Partner 16, McCullaugh, Remington; drills; Vise; Sabre Saw; socket sets; yard ornaments; patterns; battery charger; boat; garden tools, axes; etc.

TRACTOR & EQUIPMENT: J.D. "H" and cultivators; Dynamark Lawn Mower; Agway 5 hp rototiller; 2 trailers; buzz saw; drag; potato hiller; sap pan & ass.; corn planter; ***Cars:*** 1977 Pinto station wagon; 1979 Pontiac Grand Prix; some junk cars; a few antiques & household & guns.

TERMS: CASH OR GOOD CHECK

OWNER-
MERRITT VARGASON ESTATE
Leroy Vargason: Executor
HOWARD W. VISSCHER
SALES MANAGER & AUCTIONEER
NICHOLS, N.Y. 607-699-7250

Public Auction Register

Closing Date - Monday, 5:00 P.M
of each week's publication

SAT. SEPT. 23 - 2PM, 71 acre farm located along Spring Grove Rd., East Earl Twp., Lanc. Co., from Rt. 23 in Goodville follow Spring Grove Rd., approx. 3 mi., terms by John M. Huber Est., Horning Farm Agency, Inc., Aucts.

TUES. SEPT. 26 - 2PM, 75 Acre Farm, located along Woodlyn Dr., approx. 3 mi. North of Terre Hill, Henry M. and Alma H. Hoover, Nevin Martin and Andrew Martin, Auct.

FRI. SEPT. 29 - 10AM, Personal Property and Farm Equip., located on Rt. 313, Dublin, PA, Herman Bishop, owner, Horning Farm Agency, Inc.

FRI. SEPT. 29 - 12Noon, Farm buildings located on Rt. 313, Dublin, PA, Herman Bishop, owner, Horning Farm Agency, Inc.

SAT SEPT. 30 - 9AM, Real Estate, Farm Equip., Cattle, located along E-town Rd., 5 mi. north of Manheim, Rapho Twp., Lanc. Co., PA, Anna G. Ober, owner, Wolgemuth Auction Service.

SAT. SEPT. 30 - 9AM, Real Estate, Antiques, Collectibles, 1963 Plymouth Valian V100 Station Wagon, HH and Misc. Items, located app. 40 mi. north of Harrisburg, PA, 2 mi. southeast of Pillow, 1½ mi. east of Rt. 225 and The Pillow Gap, in the Lykens Valley, John E. Thomas, owner, Lee D. Dockey, Auct.

SAT. SEPT. 30 - 9AM, Real Estate, Farm equipment, household, tools, etc., located at the foot of the Blue Mts., RD 2 Kempton, PA, Lynn Twp., Northern Lehigh Co., Clyud F. Utt and Margaret L. Utt, owners, Eugene G. Kliner Auct. Service.

Consignment Sale

of
TRACTORS - FARM EQUIPMENT
TRUCKS

Location: Everetts Corner, Rt. 44 & 300, 4 miles West of Kenton, Del.

Thurs., August 24, 1989

9:30 A.M. Rain or Shine

Will be accepting equipment on Mon. 21, Tues. 22, Wed. 23 from 8 A.M. until 5 P.M.

Forklift & loading dock

FOR INFORMATION CALL 302-653-7530

Sales Mgr. & Auctioneers
C.T. Scuse & Sons Inc.
302-653-7530

Lunch

PUBLIC SALE

OF
REAL ESTATE
(2-STORY BRICK WELDING SHOP)
LARGE SHOP POWER EQUIPMENT
BLACKSMITH EQUIPMENT
HAND TOOLS - MISC. HARDWARE
SCRAP IRON
1959 FORD PICKUP TRUCK
OFFICE FURNITURE - IRON SAFE

SAT., AUGUST 19, 1989

AT 10:00 A.M.
Loc. 44 West Liberty Street, Lancaster, PA

Property open for inspection: Sat.'s, Aug. 5 & 12 from 10:00 A.M. until 12:00 Noon. Or phone (717) 464-3541. Real estate to be sold at 1:00 P.M.

Food served.

Sale by
ADAM H. BURKET ESTATE
David G. Homsher, Attorney
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

Public Auction

Located on Route 85 south of I-270 at Frederick, Md. & 1½ miles south of Buckeystown, Md. on Route 85 (2nd farm on left south of Buckeystown).

Sat., August 19, 1989

at 11:00 A.M.

THREE TRACTORS,
HAY & FORAGE EQUIPMENT

Int. 1066 hydro diesel tractor w/cab (heat & air), wide front; Int. hydro 70 diesel tractor, W.F.; John Deere 4020 diesel tractor, W.F., side console; Owatonna 1700 skid loader w/5 ft. material bucket; hay spear, pallet fork, manure fork & 6 ft. material bucket sells separately; tractor weights.

Vicon KM 321 disc bine, 1 yr.; Vicon 3PT 8 wheel V rake; Int. 35 hydraulic rake w/dolly wheels; Pequea 710 hay tedder, 1 yr.; New Holland 404 hay crimper; JD 330 round baler, 1 yr.; JD 337 baler w/thrower; N.H. 1002 stackliner 53 baler wagon; 2 Farm Bilt 18 ft. hay wagons; Zimmerman 32 ft. elevator w/1HP motor, like new; Brillion 10 ft. seeder w/transport wheels, like new; Woods 20 ft. batwing rotary mower, 2 yrs.

Haybuster 107 notill 18/7 disc drill w/grass seeder; JD 3960 forage harvester w/3 row narrow corn head, elec. controls & long tongue; grass head sells separately; N.H. 890 forage harvester w/grass head & elec. controls; 2 JD 716A forage wagons w/tandem axles, 3 beaters & roofs; JD 714 equipped the same; N.H. 30 blower.

Martin 2400 gal. vanguard manure spreader; Badger 3000 gal. tandem liquid manure spreader; N.H. 371 tank manure spreader; AerWay 3PT 15 ft. aerator; 10 ft. pasture harrow; 3PT sprayer booms; extra silage & hay wagon wheels & tires; steam jenny; several pieces of rubber belting; good used roofing tin; good used lumber; baler twine; silage applicators; hay preservatives.

5 new Poly Dome calf hutches; wooden calf hutches.

Honda XL185 trail bike.

NOTE: The Remsbergs are discontinuing this phase of their farming operation. Most machinery is in excellent condition. Very few small items — Tractors & machinery to be sold at 12:00 noon.

TERMS: Cash or approved check. Not responsible for accidents.

Auctioneer:
Robert C. Mullendore
Boonsboro, Md.
Phone: 301-582-0546
Clerk: C.L. Metz

Gary & Judy Remsburg
Phone 301-694-8624

Lunch Rights Reserved

Public Sale

OF VALUABLE TRACTORS, FARM EQUIP., GAS ENGINE, ANTIQUES, PRR ITEMS, MUSKETS, CAR, STREET ROD & MISC.

Sat., August 19, 1989

at 10:30 AM

LOCATION: In Hellam Twp. From Rt. #30, Hellam Exit, proceed north on Kreutz Creek Rd. to West Orebank Rd. Turn left & proceed approx. 1 mile to sale. Follow signs!

TRACTORS, FARM EQUIP., GAS ENGINE, COLLECTIBLES

1936 John Deere "B" w/spoke wheels, new rubber- good cond. but not running; McCormick Deering 1020 w/steel wheels- good cond.; JD single row potato planter- extra nice; JD manure spreader; MD #6 horse mower; potato plow; 2-wheel trailer w/Dodge wheels; log drag; 1½ HP MD gas engine; iron wheels; 2-horse buckboard wagon; bobsled; harness; hames; set of new driving harness; single trees; double trees; Ford headlights; belts; drawing knives; hand augers; wooden planes; signed broad axe; post hole axe; nail kegs; 3-prong & 6-prong wooden hay forks; ½ bu. basket; hay fork; bucksaw; license plates; straw knife; corn choppers & much more.

ANTIQUES, PRR ITEMS, MISC.

Coca-Cola cooler; cane seated rocker; pedestal sink; double bed w/gingerbread; dovetailed wooden boxes; meat grinder; locks; iron bed; 2-wheel scooter; lanterns; Helb's Brewery boxes- York, PA; bottles; Cowden & Wilcox crock; crocks; picture frames; sadirons; adv. tins; flatirons; few pcs. Depression ware; ice cream scoop; Griswald waffle maker; ladles; gypsy pot; wooden bench; blue mason jars; wooden doors; hinges; grinder; nuts; bolts; wooden fence posts. PRR Items: locks; lanterns; kerosene cans; **switch targets- new**.

***** 2 muskets- one w/Curly Maple stock made by R. Forter *****

CAR, STREET ROD

1969 Dodge 4-dr. Polara w/88,000 orig. mi., PS, PB, AC, V8 engine; 1929 Ford Phonebox w/Corvette rear, 350 engine combined w/1929 Roadster truck plus misc. parts- reconstructed title.

Vehicles will be sold around noon.
NO INSPECTION UNTIL DAY OF SALE!

TERMS: Cash or good approved check.

Owner:
Mr. & Mrs. Kenneth Dietz
RD# 11 Box 685
W. Orebank Rd.
York, PA 17406

AUCTS.:
Melvin Haines 717-764-2241
Ralph Brenneman 717-741-1728 (Days)
or 717-757-5130 (Eve. after 10)
LIC# 379L 708L

Refreshments will be served!
Not responsible for accidents!

PUBLIC AUCTION

TUESDAY AUGUST 22, 1989

10:30 A.M.

TRACTORS COMBINE FARM & GRAIN EQUIPMENT TRUCKS

LOCATION: Route 1 Box 1534 Bethel, Berks County, Pa. From I78 Exit 5 MIDWAY- north on Midway Road to 1st farm on left behind Midway Diner.

TRACTORS SKID STEER

* MF 2745 wide front diesel - 20.8x38 - 1800 hrs. - canopy; * MF1100 wide front diesel - new rubber - 6300 hrs.; * MF 175 wide front diesel - new engine; JD 170 gas skid steer w/materials bucket; Farmall A w/ cultivators.

FARM MACHINERY

TILLAGE: INT. 710 6x16" semi mtd. trip plow; MF 88 3 pt. 4x16" trip plow; MF 43 3 pt. 3x14" plow; JD 40 disc transport harrow; BEAR CAT 12' cultipacker; BRILLION transport wing fold harrow.

PLANTING: JD 8300 21 disc grain drill; (2) JD 6 row 7000 corn planters w/dry fertilizer, insecticide & monitors; JD 4 row 7000 corn planter w/dry fertilizer & monitor; 500 gallon transport sprayer.

HARVESTING: NEW HOLLAND 110 stack wagon; Badger hopper blower; wooden sided dump wagon on 8 ton gear.

MISC.: GEHL Scavanger II #322 tandem axle manure spreader (new 3/89); BADGER 8700L tandem axle 2350 gallon vacuum tank spreader - 1000 rpm; GEHL 120 grinder mixer w/electronic scale; NEW HOLLAND 354 grinder mixer w/auger extension.

COMBINE GRAIN EQUIPMENT TRUCKS

JD 4400 diesel combine - 2400 hrs. w/JD 213 ridgid grain platform; JD 443 4 row narrow corn head; 1973 MACK tandem axle diesel - 5 speed - 20" dump bed - 52000 GVW; 1964 Chev. Ser. 30 gas 4 speed cattle truck; MC 400B10 pto drive continuous flow grain dryer; (2) Martin 7000 bu. false floor grain bins; Read 1700 bu. wet bin w/5 hp 6" unloading auger; New Idea 8"x30' transport auger (for parts); (2) new false floors for 18' bins; (2) fan ducts for bins; 6"x12' auger; 6"x20' auger; 4" auger w/new motor; SEEDS: 27 bu. Hoffman Pennco barley seed; 119 bu. Maury barley; 20 bu. corn.

MISC. FARM RELATED ITEMS

Sauder loader; 3 pt. V blade; 8000 gal. steel tank; flat bed wagon; 3 pt. livestock transport platform; 3 Smidley 12 hole hog feeders; 17 bu. feed cart; sow pregnancy tester; Suzuki 250 RM motorcycle; Ford 5 hp riding mower; 12 hp Cub Cadet; (2) pick up caps and few other unlisted items. NOTE: Be prompt - Very few small items.

Auction
CARL S. & LINDA MARTIN
(717) 933-4331

HARRY H. BACHMAN- Auctioneer
AU-000033-L (717) 867-1809

TERMS: Cash or approved checks - no out of state checks - bring bank letter of credit.
Please - No Sunday visitors
Food available

HOLSTEIN SALE

At the Frederick Fairgrounds-Frederick, Md.

THURSDAY, AUGUST 24- *7:00 P.M.*

60 FRESH HOLSTEINS 60

Grades and Registered

30 COWS- 30 HEIFERS

FRESH OR CLOSE

Majority by A.I. sires and from high record dams.

Cows milking to 85 lbs. First-calf heifers over 70 lbs.

Watch next week for more information.

Sale Managed By

REMSBURG SALE SERVICE

P.O. Box 177
Jefferson, MD 21755
301-473-8214

REMSBURG

Sale Service

Public Auction

Real Estate

Saturday, Sept. 2, 1989 12:30 P.M.

Location: R.D.#1 Unityville, Pa. (Lycoming County) Take Rt. 42 (4 miles North of Unityville) to Intersection of Rt. 239. Go 1 mile East on Rt. 239 to Auction. Or 12 Miles N.W. of Benton, on Rt. 239.

Tract No. #1-91 Acres of Woodland and House

Property lies at the base of Beautiful North Mountain, and consists of 91 acres M/L, gently sloping woodland and meadows. State Game land borders the northern boundryline. In addition to natural woodland. Approx. 3000 Christmas Trees are planted on property with some ready for Harvest. A 2 story, 8 room house with well, septic, and workshop is conveniently located along hardtop road. Stone fences, remote spring, and an abundance of wildlife add to the serenity of "Laural Haven." To be offered separately and together with Tract #2.

Tract #2- 54 Acres Woodland

Oak, Birch, and Evergreen trees add to the beauty of this 54 acre, M/L, parcel which borders Tract #1. Both properties have approx. 1000 ft. of road frontage. To be offered separately and together with Tract #1.

Showing dates will be on Thursday, Aug. 17th from 4 to 7 p.m. and Sunday, Aug. 20th from 1 to 4 p.m. For more info or appointment call: Auctioneers George S. Kapp Jr. at (717-458-4384) or Gele L. Derr at (717-784-5413).

Real Estate Terms: $7,500.00 Down, Cash or Certified Check day of Auction on each Property. Balance in 60 days or upon delivery of deed. Purchaser pays all transfer taxes, property taxes prorated from date of settlement. Statements day of auction take precedence over any previously written material.

Estate of Jesse Elroy Karns

Executor: Harry M. Karnes
Attorney: Michael Gregorowicz
Auctioneers: Gele L. Derr
AU-217L (717-784-5413)
George S. Kapp Jr.
AU-2174 (717-458-4384)

DERR & KAPP'S AUCTION SERVICE

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT. SEPT. 30 - Farm Toy Show & Auction. York, PA. Fairgrounds Main Bldg. 717-768-3554.

OCTOBER

SUN. OCT. 1 - 6PM, Colonial World Class Sale Volume VI, Maryland State Fairgrounds, Timonium, MD, Sale sponsored by The Colonial Charolais Assoc., The Catalyst Company, Inc.

WED. OCT. 4 - 9:30AM, Annual Dairy Show and Sale at the Belleville Livestock Mkt., Belleville, PA.

FRI. OCT. 6 - 9AM Equipment Sale at New Holland Sales Stables Inc., New Holland, PA.

SAT. OCT. 7 - 10AM, Real Estate, Personal Property and antiques, located along Friedensburg Rd., Stoney Creek Mills, Leroy Keller, Exec., Atty. Fred Muth, Horning Farm Agency, Inc.

FRI. OCT. 13 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

SAT. OCT. 14, 47 Acre Dairy Farm, Antiques, Farm Equip., located in West Earl Twp., Lanc. Co., PA, turn off Rt. 322 E. end of Ephrata, turn south on Pleasant Valley Rd., turn right on Diamon Station Rd., first farm on right, Florence E Stauffer and Amos B. Stauffer, Deceased, owners, Robert and Jeffrey Martin, Aucts

TUES OCT. 17 - 10AM Quilt & Buggy Sale at New Holland Sales Stables Inc., New Holland, PA

FRI. OCT. 20 Ivydale Farm Complete Dispersal, RD 1, Middleburg, PA, David and Marie Ulmer, owners, Gordon Wood and Art Kling, Sale Managers.

SAT. OCT. 21 - 9 30AM, 4 Tractors, Farm Equip., Tools, last farm on Maplewood Dr. NW of the Barry Elementary School in Deep Creek Valley, 4 mi SW of Lavelle, 6 mi NE of Hegins between Rt. 901 and Rt. 125, Harvey Harner, owner, Mike and George Deibert, Aucts.

ROBERT & JANICE KLINE

Complete Herd Dispersal Auction

Marathon, New York

TUESDAY, AUGUST 15, 1989

10:30 A.M.

Auction to be held on the farm on Parker St. Use Exit #9 off I-81 to Marathon. Take Rt. 221 West 2 miles and turn right to Clarks Corners Road, go 1½ miles to 4 corners, turn right to Parker St., go 1 mile to farm. Arrows from Marathon.

235 - GOOD HOLSTEINS - 235

125 mature cows. DHIA AP RHA 17,213M, 3.5%, 606F. Average Age 48 mos. Individual records to 25,000M, 900F. 1st Calf records to over 19,000M. Herd averaging 55 lbs. per day. 20 head fresh, 50 due now thru fall, some due in the winter. A good year round herd. 36 Bred Heifers from close to short bred; 51 super Heifers from 8 mos. to Breeding size; 20 heifers & 2 bulls from started to 4 mos. old; (2) Service Bulls -- Registered Elevation Son & Reg. R&W Son of Saginaw. There are approx. 35 Reg. Cows & Heifers out of sires such as Troy, Stargazer, Apache, Bell, Tempo, Glenview Joe, Chairman, Symbol, Tony, etc. Heifers are raised in a free stall, mature cows are housed & milked in tie stall barn. A great herd to buy replacement from. They have been pregnancy examined, shot for Shipping Fever, Blood & TB tested. Eligible for immediate interstate shipment day of sale. 90% are Calfhood Vaccinated.

P.S. - A good dispersal. Something for everyone. Real good cows & a super set of heifers. Mostly all home raised.

Terms - Cash or Good Check w/Positive ID. Payment in full day of sale. Lunch Available.

Owners-
ROBERT & JANICE KLINE & FAMILY

MEL MANASSE
Sales Managers & Auctioneers
Whitney Point, New York
607-692-4540 or toll free NYS 1-800-MANASSE

Dairy and Livestock Sales

PUBLIC AUCTION

FARM EQUIPMENT
CUSTOM SPRAY TRUCKS & TANK

SATURDAY, SEPT. 9, 1989

10 AM

Directions: From Millersville go West on Rt. #999 to Blue Rock bare left & follow to sale on left. Watch for sign.

Tractors

AC 7030 tractor dsl, cab, duals, like new tires, appx. 4000 hrs.; AC XT 190 dsl, like new tires, appx. 4500 hrs.; JD 830 dsl, like new, 430 hrs.; Case 530 backhoe, dsl, 18" bucket.

Custom Spray Equipment

1700 Int. 6x6 spray truck, 1974, 26,000 mls.; 250 Ford 4x4 spray truck, 1977, 48,000 mls.; 250 Ford x4 spray truck, 1970; VW pickup dsl, 1980.

FULL LINE OF FARM EQUIPMENT & SPRAY TANK

Watch For Full Listing Aug. 19.

Sale By:

MR. & MRS. CHARLES NISSLEY

872-5007

Auct.: Wolgemuth Auction Service

Dennis	Bob	Clyde
664-3893	665-6684	665-5664

No Out Of State Checks Unless Owner Or Auct. Approved

MILK MILK MILK

SHORT NOTICE SALE

Complete Milking Herd & Bred Heifer Dispersal For Benuel & Mary Fisher, Schaefferstown, Lebanon Co.

To Be Held At Smoketown Quality Dairy Sales, Smoketown, Pa., Rte. 340

FRIDAY, AUGUST 18, 1989 **8 P.M. D.S.T.**

This Is A Good, Young, Sharp Herd Of Cows With Good Udders. Owners Sampler Herd Avg. 17,000-18,000m. 3.6%- 600F. With A 50 Lb. Avg. 70% Home Raised. Fancy Cows Milking 80 Lbs. Or More. Service Sire With Herd Is An Elevation Son Out Of A 18,000 Lb. M. Herd. 5- Big, Strong Bred Heifers Due This Fall & Winter. Cows Fresh May, June, July. 14 Cows Due Aug. To Dec. Half Of The Herd Is Due This Fall.

#317- Reg. Jupiter Grd. Dtr. Fresh- 78 Lbs.
#350- Grade- Don Juan Fresh 6-13- 53 Lbs.
#239- Due 9-7-89- Made Dry While Still Milking 50 Lbs.- Pk. 90 Lbs.
#21- Fancy Cow Due 10-17-89- 50 Lbs.- Pk. 100.
#45- Fancy Cow Due 12-22-89- 60 Lbs.
#39- Fancy Cow Fresh 7-25-89- 70 Lbs.
#57- Fancy Cow Fresh 1-10-89- 70 Lbs.
Grade Heifer Due 1-26-90- 50 Lbs.
Grade- Due 8-26- 80 Lbs. Last Lac. Dam Milked 100 Lbs.
Grade Due 10-3-89- Held At 85 Lbs. Last Lac.

Reg. Holstein Bull- Ready For Service.
Sire- Sterk RAljon- Born 4-7-88.
Dam- Lime Hollow Elevation Mars- 4 Yr. V.G. 88.
2-10 352 21,970m. 4.2% 992F 3.4 Pro.
4 Yr. 334 22,992m. 4.2% 975F 3.5 Pro.
2nd Dam EX 91- 8 Records From 21,000 To 27,000m. 3.7%.

Reg. Red & White Holstein Bull- Born 9-11-87- PTPI +496.
Sire- Blackcrest Neutron-Red- ET. (Enchancer Grd. Son).
Dam- Fagin Dtr. V.G. 87 +VEE.
3-2 307 16,810m. 3.6% 599F.
4-2 306 18,630m. 3.6% 673F.
5-2 Est. 305 23,697 3.9 924.
Next Dam R-Maple Dtr. Ex. 95- 2E.
365 31,340 3.8 1178.

Smoketown Quality Dairy Sales
Sale Managed By: Gordon & Helen Fritz
717 393 0930

COMBINATION AUCTION

AT

New Holland Auction Center
Located 12 miles east of Lancaster, PA at
100 West Jackson Street
New Holland, PA 17557

TUESDAY, AUGUST 29, 1989

6:00 P.M.

NEW - USED - ANTIQUE - COLLECTIBLE

Rifles
Shotguns
Pistols

Wall Clocks
Mantle Clocks
Watches

Pistols and handguns will be registered thru "Sportsman Shop New Holland after they are sold.

YOU CAN BUY! **YOU CAN SELL!**

Let Us Advertise And Catalog Your Items

Call Early:
Alan Diffenbach (717) 354-3297
Abe Diffenbach (225-L) (717) 354-4341
(717) 393-4464

New Customers need cash, current bank letter, or certified check to buy.

Notice:
Next Quilt and Buggy Sale
Oct. 17th, 1989 10:00 A.M.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

WED. OCT. 25 - Dairy Show & Sale at New Holland Sales Stables Inc., New Holland, PA.

FRI. OCT. 27, Complete Dairy Herd Dispersal, 162 E. Old York Rd., Carlisle, PA, Bent Creek Farm, owners, Kling's Auctions, Inc., Sales Managers.

FRI. OCT. 27 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

NOVEMBER

FRI. NOV. 3 - 9AM Equipment Sale at New Holland Sales Stables Inc., New Holland, PA.

FRI NOV 3 - 6PM, selling 300 400 heifers, all sizes, at the Belleville Livestock Mkt., Belleville, PA.

FRI. NOV. 10 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

FRI. NOV. 24 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

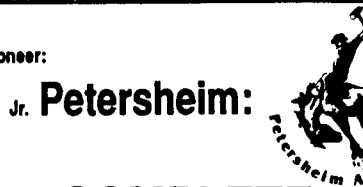
DECEMBER

FRI. DEC. 13 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

FRI. DEC. 22 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.



AUCTIONEER'S DIRECTORY

ELTON HORNING FARM AGENCY

REAL ESTATE - AUCTIONEER
MORTGAGE BROKER - APPRAISALS

RON & ERB BARD
717-786-1146 — 717-786-4246

PROFESSIONAL *Auctioneering*

PAUL E MARTIN
R.D 1, Box 553
Stevens, Pa. 17578

JOHN D. STAUFFER
217 Andrea Dr.
Lititz, Pa. 17543

Complete Auction Service We assist you and advise you from the planning stages of your auction to the completion of your auction

For A Consultation In Your Home Call
Paul (717) 733 3511 — John (717) 665-5099
Licensed and Bonded

Auctioneer:
Steve
Steve Jr. **Petersheim:**

Petersheim Auctioneers

COMPLETE AUCTION SERVICE

Antiques
Household Goods
Farm Equipment
Real Estate

Take Note - Our New Phone Number
215-593-2828

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

Belleville Livestock Market

Herd Dispersal

Wednesday, Aug. 16, 1989
1:30 P.M.

22 Holsteins 1 Jersey, 6 dry or springing, 6 recently fresh. The rest in various stages of lactation.
Health charts and pregnancy checked.

Selling for:
Sam Byers
Shippensburg, Pa.

Also 1 load of fresh cows and springers, 1 load heifers springing or fresh from 1 herd plus regular consignments.

For more information contact:
Gene Glick
717-667-2703

Fall Farm Machinery Sale:
Friday, September 1, 1989 9:00 A.M.

RIDGELINE-ACRES

DAIRY CATTLE SALE

FRIDAY EVENING,
AUGUST 25, 1989
7:30 P.M.

Located in Cumberland Co., 6 miles north of Shippensburg, Pa., on Ridge Rd., off Rt. 696; From Shippensburg, take Earl St. North, turn right on Ridge Rd., (watch for sale signs)

Selling...50 HEAD HOLSTEINS
40 Milking & Dry Cows-
10 1st- Calf Heifers (recently fresh or springing)
3 Grade Bulls Also Sell!
Approx. 15 Registered- Balance Top Grades
DHIA Records- 1989 Herd Average-
18,180m 3.60 648f- 30 Day Test.

"This Herd is a very young group of cattle with 20 Head milking now with 1st- calf and 15 milking with 2nd & 3rd Calves; 10 more Heifers to calve for Base Time."

12 to freshen to sale time;
8 to freshen Sept., Oct., and November.
Registered Animals selling from the following sires:
Jet Stream, Spirit, Columbus, Trump, Char-Sam, Browncroft Cosmonaut, Rusty Range, Ingholm Cedar and others!

All Milking Animals bred A-I to SirePower, Atlantic and Taurus Sires
10 Heifers bred to a good Registered Bull.

Sale Mgr. Note- This is a fancy, fancy young Herd that has the right kind of udders, good feet and legs- Tie-stall milked. If you need fall milk, it is here. Mr. & Mrs. Kelso are retiring from milking otherwise these animals would not be for sale. Don't Miss This Auction!

Owners-
CARL JR. & BETTY KELSO
R.D. #1
Shippensburg, Pa. 17257
717 423-5534

Sale Managed By-
KLING'S AUCTIONS, INC.
R.D. #1, Box 66
Landisburg, Pa. Lic. #500
717 789-3883 (Office)

KLING'S AUCTION SERVICE

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, AUGUST 16th, 1989
Heifer Sale Starts At 11:00 A.M.
Fresh Cows & Springers At 12:00 Noon

1 LOAD NEW YORK STATE COWS, ALL GRADES, FRESH AND SPRINGERS. SOME COWS MILKING 80 TO 90 LBS. PER DAY. CONSIGNED BY RUSSELL LERWICK.

****

16 HEAD COWS FROM CANADA. 10 FRESH, 6 SPRINGERS, ALL 2ND AND 3RD CALF. CONSIGNED BY MAGANTEEN FARMS.

****

Also Selling
* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Albert Albright.

PLUS MANY MORE CONSIGNMENTS
For More Information Contact:
Abe Diffenbach 225L — **717-354-4341-Barn**
Norman Kolb — **717-397-5538**

PUBLIC SALE

46 ACRE STEER-HOG FARM
SATURDAY, AUGUST 19, 1989
2:00 P.M.

Located along Frysville Road, app. two miles northwest of Martindale, Ephrata Twp., Lancaster Co., Pa.

From Rt. 322 at Hinkletown traffic light, take Martindale Rd. to second road left (Newswanger Rd.), proceed to stop sign turn onto Frysville Rd., second farm on left. Watch for yellow sale sign.

46 Acre Sandstone Farm M/L

41 acres tillable, 5 acres pasture with stream and shelter. Erected thereon a:

2½ Story Stone- Frame Nine Room Dwelling

Built in 1741. Kitchen with built-in cabinets, full bath, laundry, sunporch, porch, part basement.

Two Bay Stone- Frame Bank Steer Barn

Capacity for 50 head. 4 box stalls.

Two Concrete Stave Silos

12'x50' — 14'x65'

Two Story Cement Block Hog Fattening House

(Capacity for 240 head), Manure pit, auto. ventilation, 4 feed bins.

Frame Tobacco Shed

Capacity for five acres, dampening cellar and stripping room.

16 stall veal frame shed with garage attached. Frame equipment shed with corn crib attached.

1½ story log blacksmith shop with built-in fireplace and forge blower.

Well with pump powered for electricity or windmill. Underground reservoir. 25 fruit trees, grapes, raspberries.

NOTE: If you're looking for a family farm project, don't miss this sale.

OPEN HOUSE: Saturdays, August 5 and 12 from 9:00 A.M. to 3:00 P.M.

TERMS: 10% down day of sale, balance November 1, 1989.

Sale for
SARA W. MARTIN
717-354-8529

Atty.: Anthony Kilkuskie
Aucts.: Nevin Z. Martin, AU1078L
Andrew M. Martin, A.A.1771L

Not Responsible For Accidents

MELVIN KOLB, INC.

MARYLAND MONTHLY HOLSTEIN AUCTION

THURSDAY NIGHT, AUGUST 17 - 7:30 P.M.

150 HEAD - QUALITY HOLSTEINS - 150 HEAD

LOCATION: At my Maryland Farm, located ½ mile northwest of Woodsboro, Route 550 in Frederick County, MD.

50 Head of Purebreds. Lots with real good records and pedigrees.

75 Head of Just Fresh Grade Cows and First Calf Heifers with good udders and type, really milking, lots of them are milking 70-80 lbs. per day, some more.

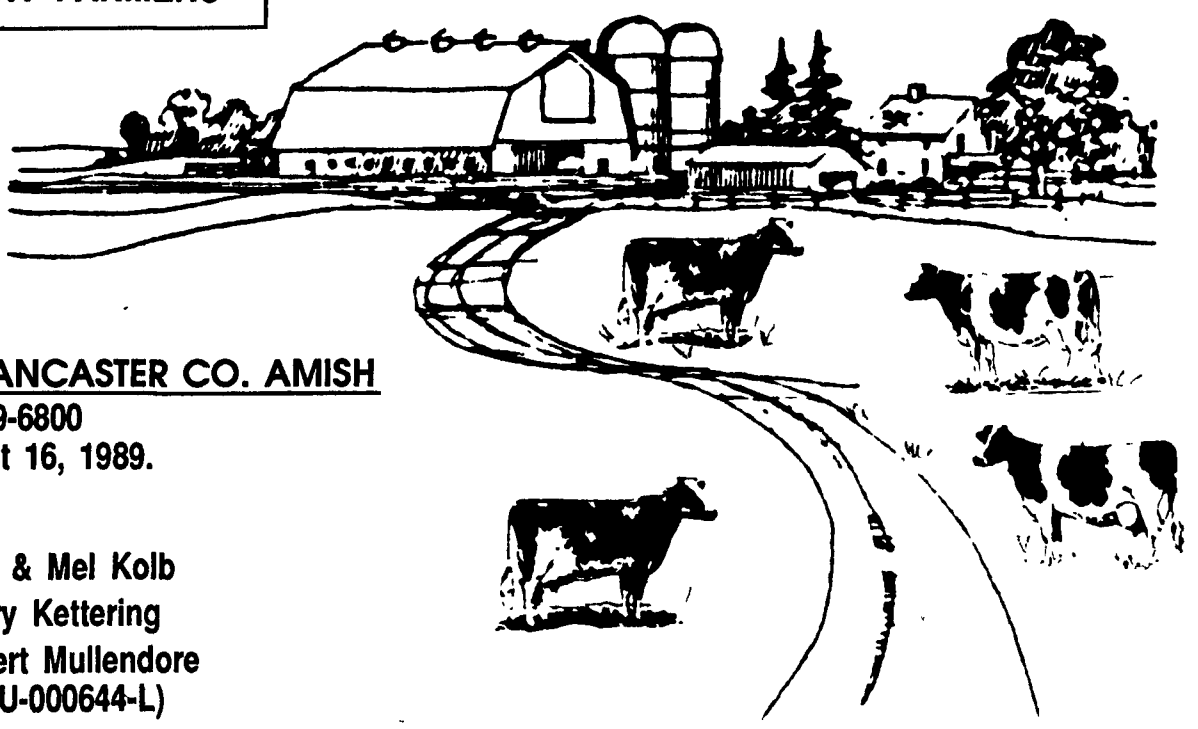
25 Top Fresh Grade Cows from N.Y. milking 80-100 lbs.

SPECIAL MENTION

- ✳ Big Tall Service Age Bull - A S-W-D VALIANT SON, Dam EX-90 pt. 365d 33,836 4.6 1564, next dam EX-91 - 305d 27,950 milk 936 fat. 3rd Dam VG-87 pt. 305d 25,930 3.9 1019, 4th dam VG-87 pt. over 1,000 of fat.
- ✳ Fancy 3 yr. ROYBROOK TEMPO Dtr. Fresh and Milking 100 lbs. 01-11 310d 15,940 3.9 617, Dam EX-90 4-01 313 19,620 4.2 825 6-01 365d 20,930 4.4 930.
- ✳ 2 Yr. Old QUALITY EDGE BANNER Dtr. due 8/20, Dam-VALIANT 2-0 301 21,275 3.6 778 3-02 274 18,240 4.0 729.
- ✳ 2 Yr. HOLTEX SUPER LINE Dtr., Dam VG-85 pt. CAVALIER 7-05 305 17,510 3.8 665 - Next Dam GP-83 pt. WILLOW 4-0 305 19,180 3.6 685.
- ✳ 2 Yr. CARNATION GLENVIEW JOE Dtr., Dam-ASTRONAUT, Next Dam ELEVATION 2-11 302 18,910 9.4 827.
- ✳ 2 Yr. Old VALIANT Dtr., Dam VG-85 pt. ASTRONAUT 5-01 317 22,400 4.1 929 - 6-01 365 23,390 4.0 936, Gr. Dam VG-85 pt. 8-09 311 27,250 994.
- ✳ A 3 Yr. Old BRIDON ASTRON JET-ET Dtr. Fresh.
- ✳ A 2 Yr. EL-PINE PRINCE VALIANT Dtr., Dam 305d 19,090 4.3 822, next Dam VG 305d 21,280 3.9 830.
- ✳ A MEL-EST VALIANT IROSE MELVIN Dtr. due Sale Time.
- ✳ A BELLEVERNON STARGAZER Dtr. Dam GP-84 pt. 3-0 305d 16,680 3.7 609f.
- ✳ Some Purebred Heifer Calves.
- ✳ Many more good ones for this Sale, didn't have the information in time for this ad.

FARMERS - If you need good cows or heifers come on out to this Sale on August 17th and see for yourself.

FREE LUNCH FOR ALL DAIRY FARMERS



MD FARM:
11342 Creagerstown Rd.
Woodsboro, MD 21798
301-898-7663 or 717-898-7720

FREE TRANSPORTATION FOR LANCASTER CO. AMISH
Please Call 717-569-2106 or 717-569-6800 before 12:00 Noon on Wed., August 16, 1989.

Sale Managers:	**Tom & Mel Kolb**
Pedigrees:	**Henry Kettering**
Auctioneer:	**Robert Mullendore (AU-000644-L)**

MAXI-SIL

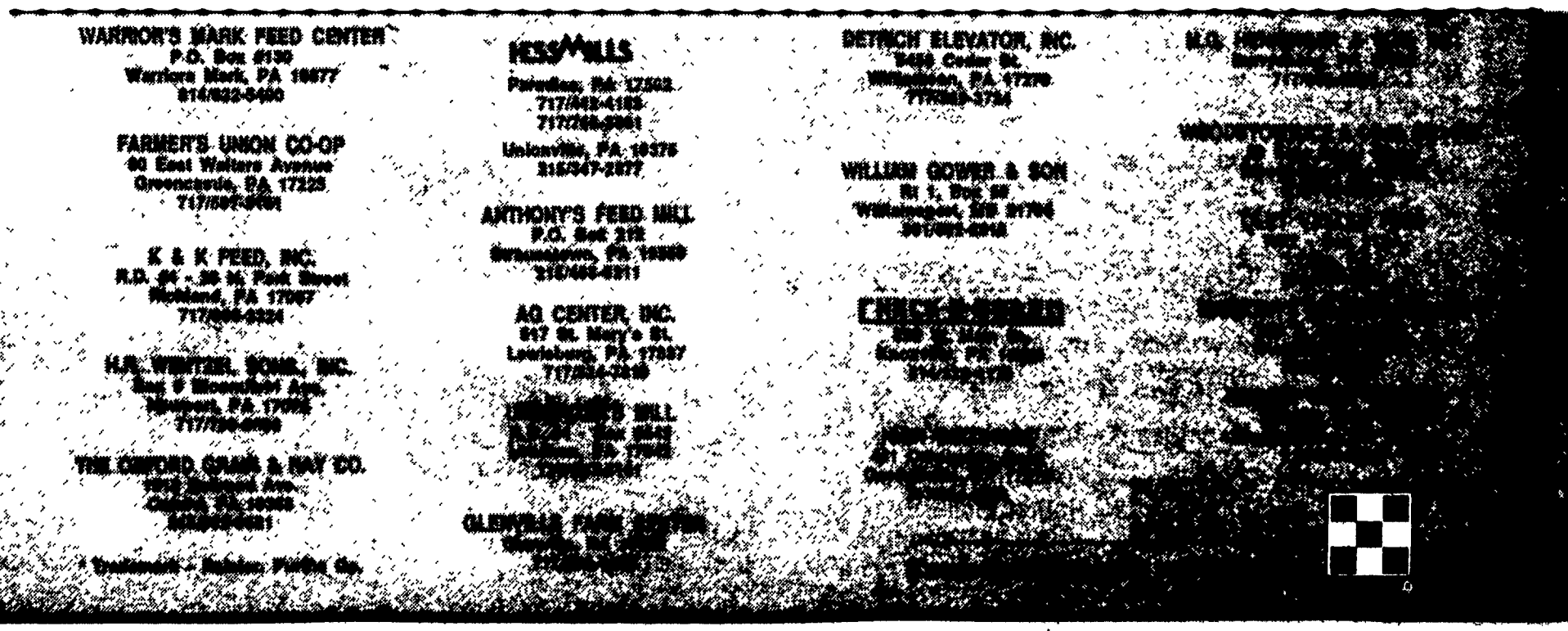
Economical Investment

Silage Additive

- A Unique Blend Of Organic Acid And An Enzyme
- Non-Corrosive - Will Not Damage Equipment
- Free Flowing Carrier Mixes Well With Forages

Dry Silage Inoculant

- Complete Bacterial Inoculant For All Ensiled Forage Crops
- Three Stabilized Strains Of Lactic Acid Producing Bacteria
- Guaranteed Lactic and Bacteria Levels Of 270 Billion CFU/Lb. And 300,000 CFU/gm Of Forage

WD Silage Inoculant

- Recommended For Corn And Sorghum Silages, Haylages, And High Moisture Corn
- Packaged Dry Then Added To Water And Applied At ½ Gallon/ Ton Of Forage
- Minimum Stability - 18 Months